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Expenditures of the Smithsonian Institution. Letter from the Secretary of the Smithsonian Institution, submitting a detailed statement of the expenditures for the fiscal year ending June 30, 1896, under the appropriations for "International Exchanges," the "National Museum," the "Astrophysical Observatory," the "National Zoological Park," and "North American Ethnology."

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EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

LETTER

FROM THE

SECRETARY OF THE SMITHSONIAN INSTITUTION,

SUBMITTING

A DETAILED STATEMENT OF THE EXPENDITURES FOR THE FISCAL YEAR ENDING JUNE 30, 1896, UNDER THE APPROPRIATIONS FOR "INTERNATIONAL EXCHANGES," THE "NATIONAL MUSEUM," THE "ASTROPHYSICAL OBSERVATORY," THE "NATIONAL ZOOLOGICAL PARK," AND "NORTH AMERICAN ETHNOLOGY."

DECEMBER 16, 1896.—Referred to Committee on Appropriations and ordered to be printed.

SMITHSONIAN INSTITUTION,
Washington, December 14, 1896.

SIR: I have the honor to submit herewith to Congress, in accordance with the provisions in the sundry civil acts of October 2, 1888, and March 5, 1892, a detailed statement of the expenditures for the fiscal year ending June 30, 1896, under the appropriations for "International Exchanges," the "National Museum," the "Astrophysical Observatory," the "National Zoological Park," and "North American Ethnology."

I have the honor to be, your obedient servant,

S. P. LANGLEY, *Secretary.*

Hon. THOMAS B. REED,

Speaker of the House of Representatives.

**DETAILED STATEMENT OF DISBURSEMENTS FROM APPROPRIATIONS COMMITTEE
BY CONGRESS TO THE CARE OF THE SMITHSONIAN INSTITUTION FOR THE FISCAL
YEAR ENDING JUNE 30, 1896, AND FROM BALANCES OF FORMER YEARS.**

INTERNATIONAL EXCHANGES.

Receipts.

Appropriated by Congress for the fiscal year ending June 30, 1896, "for expenses of the system of international exchanges between the United States and foreign countries, under the direction of the Smithsonian Institution, including salaries or compensation of all necessary employees." (Sundry civil act, March 2, 1895.) \$17,000.

Disbursements from July 1, 1895, to June 30, 1896.

Salaries or compensation:

1 curator, 12 months, at \$225.....	\$2,700.00
1 clerk, 4½ months 5 days, at \$160	746.67
1 chief clerk, 2 months, at \$150.....	300.00
1 clerk, { 6 months, at \$120.....	720.00
{ 6 months, at \$130.....	780.00
1 clerk, 2 months, at \$100	200.00
1 clerk, { 6 months, at \$85.....	510.00
{ 5½ months 9 days, at \$91.66	531.63
{ 6 days, at \$100.....	20.00
1 clerk, { 6 months, at \$80.....	480.00
{ 6 months, at \$85.....	510.00
1 clerk, 12 months, at \$75	900.00
1 { clerk, 5 months, at \$75.....	375.00
{ laborer, 182 days, \$1.50.....	273.00
1 clerk, { 6 months, at \$65.....	390.00
{ 6 months, at \$70.....	420.00
1 clerk, 6 months, at \$60	360.00
1 { copyist, 6 months, at \$50.....	300.00
{ copyist, 5½ months 9 days, at \$55	319.00
{ stenographer, 6 days, at \$60.....	12.00
1 packer, { 6 months, at \$50.....	300.00
{ 2½ months 8 days, at \$55	151.70
1 clerk, 11½ months, at \$45.....	517.50
1 clerk, 2 months 20 days, at \$35	92.58
1 copyist, 4½ months, at \$35.....	157.50
1 messenger, 6 months 16 days, at \$25	162.90
1 carpenter, 22 days, at \$3.....	66.00
1 carpenter, 12½ days, at \$3	36.75
1 carpenter, 20 days, at \$3	60.00
1 painter, 5 days, at \$2.....	10.00
1 laborer, 79 days, at \$1.50	118.50
1 laborer, 224 days, at \$1.50	336.00
1 cleaner, 13 days, at \$1.....	13.00
1 agent, 12 months, at \$50.....	600.00
1 agent, { 6 months, at \$83.33½.....	500.00
{ 6 months, at \$91.66½.....	550.00

Total of salaries or compensation 14,519.73

General expenses:

Freight.....	\$1,502.32
Printing.....	9.50
Postage and telegrams.....	20.32
Supplies.....	193.03
Traveling expenses.....	574.18
	<hr/>
	2,299.35

Total disbursements..... 16,819.08

Balance July 1, 1896..... 180.92

INTERNATIONAL EXCHANGES, SMITHSONIAN INSTITUTION, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Pay roll, services.....	1	\$502.00	Oelrichs & Co., freight.....	60	\$2.78
Do.....	2	503.50	Baltimore Storage and Light- erage Co., freight.....	61	10.28
W. C. Winlock, services.....	3	225.00	W. R. Grace & Co., freight.....	62	8.00
Washington City Post-Office, postage.....	4	20.00	A. Schumacher & Co., freight.....	63	61.98
R. W. Cameron & Co., freight.....	5	12.00	New York Transfer Co., freight.....	64	15.86
W. R. Grace & Co., freight.....	6	9.29	Do.....	65	15.25
Pay roll, services.....	7	502.00	R. Carter Ballantyne, supplies.....	66	2.60
International Navigation Co., freight.....	8	10.30	Herman Baumgarten, supplies.....	67	1.00
Baltimore Storage and Light- erage Co., freight.....	9	18.98	W. F. Roberts, supplies.....	68	10.50
Oelrichs & Co., freight.....	10	11.20	Oelrichs & Co., freight.....	69	4.65
Pay roll, services.....	11	503.50	Pay roll, services.....	70	354.83
W. C. Winlock, services.....	12	225.00	D. J. Coffman, supplies.....	71	5.50
Browning & Middleton, supplies.....	13	1.25	Judd & Detweiler, supplies.....	72	11.50
W. F. Roberts, supplies.....	14	4.50	Wm. Wesley & Son, services.....	73	300.00
Z. D. Gilman, supplies.....	15	.80	Felix Flügel, services.....	74	500.00
W. F. Roberts, supplies.....	16	18.00	Lunham & Moore, freight.....	75	5.90
L. H. Schneider's Son, supplies.....	17	1.35	W. Andrew Boyd, books.....	76	5.00
W. O. Stricker, services.....	18	12.00	W. C. Winlock, services.....	77	225.00
Pay roll, services.....	19	450.50	Pay roll, services.....	78	334.77
Adams Express Co., freight.....	20	5.20	Judd & Detweiler, supplies.....	79	5.50
Geo. W. Knox Express Co., freight.....	21	120.36	Geo. Maier, supplies.....	80	4.00
Pay roll, services.....	22	479.75	Jno. C. Parker, supplies.....	81	1.50
W. C. Winlock, services.....	23	225.00	W. F. Roberts, supplies.....	82	4.00
Pay roll, services.....	24	491.00	I. Clark Seamans, supplies.....	83	1.25
R. Carter Ballantyne, stationery Western Union Telegraph Co., telegrams.....	25	1.02	New York Engraving and Printing Co., map.....	84	19.65
New York Transfer Co., freight.....	26	.32	W. H. Butler, supplies.....	85	.75
Do.....	27	14.65	Edw. Perry & Co., freight.....	86	10.29
J. H. Chesley & Co., supplies.....	28	10.05	Wyckoff, Seamans & Benedict, supplies.....	87	2.20
Easton & Rupp, supplies.....	29	1.68	Pay roll, services.....	88	354.83
S. P. Langley, travel.....	30	1.05	Gustav E. Stechert, books.....	89	2.63
L. H. Schneider's Son, supplies.....	31	574.18	Geo. W. Knox Express Co., freight.....	90	291.09
Baltimore Storage and Light- erage Co., freight.....	32	.70	A. Schumacher & Co., freight.....	91	50.78
Lunham & Moore, freight.....	33	14.58	W. R. Grace & Co., freight.....	92	8.00
Oelrichs & Co., freight.....	34	5.90	New York Transfer Co., freight.....	93	11.80
Do.....	35	6.40	R. W. Cameron & Co., freight.....	94	13.19
W. F. Roberts, supplies.....	36	14.75	Baltimore Storage and Light- erage Co., freight.....	95	26.25
The White Corbin Co., supplies.....	37	5.50	R. Carter Ballantyne, supplies.....	96	1.37
W. C. Winlock, services.....	38	6.70	W. C. Winlock, services.....	97	225.00
Pay roll, services.....	39	225.00	Pay roll, services.....	98	341.83
Herman Baumgarten, supplies.....	40	541.58	J. H. Chesley & Co., supplies.....	99	1.68
L. H. Schneider's Son, supplies.....	41	4.00	New York Transfer Co., freight.....	100	14.90
R. Carter Ballantyne, supplies.....	42	2.40	Geo. W. Knox Express Co., freight.....	101	117.62
Pay roll, services.....	43	4.38	J. C. Addison, supplies.....	102	1.90
R. W. Cameron & Co., freight.....	44	469.50	Shoemaker & Busch, supplies.....	103	7.33
Baltimore Storage and Light- erage Co., freight.....	45	7.20	Oelrichs & Co., freight.....	104	23.22
Oelrichs & Co., freight.....	46	17.48	Wyckoff, Seamans & Benedict, supplies.....	105	7.81
W. R. Grace & Co., freight.....	47	17.79	Pay roll, services.....	106	341.83
New York Transfer Co., freight.....	48	8.00	J. C. Addison, supplies.....	107	3.20
International Navigation Co., freight.....	49	11.10	Baltimore and Ohio Rwy. Co., freight.....	108	4.64
Do.....	50	5.15	E. E. Jackson & Co., lumber.....	109	1.44
W. C. Winlock, services.....	51	10.30	Geo. F. Muth & Co., supplies.....	110	1.80
Pay roll, services.....	52	225.00	People's Dispatch Co., freight.....	111	.25
Geo. W. Knox Express Co., freight.....	53	416.17	R. W. Cameron & Co., freight.....	112	12.00
W. F. Roberts, supplies.....	54	204.16	W. R. Grace & Co., freight.....	113	8.00
Pay roll, services.....	55	5.00	New York Transfer Co., freight.....	114	19.65
W. C. Winlock, services.....	56	368.50	W. C. Winlock, services.....	115	225.00
Geo. K. R. Tabler, services.....	57	225.00	Pay roll, services.....	116	357.59
Pay roll, services.....	58	12.90	W. H. Lowdermilk & Co., books.....	117	7.00
	59	374.50	Pay roll, services.....	118	372.33
			Oelrichs & Co., freight.....	119	18.68

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Baltimore Storage and Light- erage Co., freight.....	120	\$8.58	Baltimore Storage and Light- erage Co., freight.....	135	\$5.04
W. C. Winlock, services.....	121	225.00	Do.....	136	7.62
Pay roll, services.....	122	344.83	Wm. Hahn & Co., supplies.....	137	28.50
Geo. A. Shehan, lumber.....	123	1.20	Pay roll, services.....	138	431.83
W. R. Grace & Co., freight.....	124	8.00	Oelrichs & Co., freight.....	139	19.78
Baltimore Storage and Light- erage Co., freight.....	125	10.05	Lunham & Moore, freight.....	140	5.90
Pay roll, services.....	126	419.83	Baltimore Storage and Light- erage Co., freight.....	141	6.83
M. L. Smith, services.....	127	13.00	New York Transfer Co., freight.....	142	16.10
W. C. Winlock, services.....	128	225.00	Pay roll, services.....	143	750.00
Pay roll, services.....	129	424.83	Felix Flügel, services.....	144	550.00
Baltimore Storage and Light- erage Co., freight.....	130	5.13	Wm. Wesley & Son, services.....	145	300.00
W. F. Roberts, stationery.....	131	4.00	R. W. Cameron & Co., freight.....	146	7.20
New York Transfer Co., freight.....	132	13.95	Total disbursements.....		16,819.08
A. Schumacher & Co., freight.....	133	10.44	Balance July 1, 1896.....		180.92
R. W. Cameron & Co., freight.....	134	7.20			

INTERNATIONAL EXCHANGES, 1895.

Balance July 1, 1895, as per last report..... \$2.01

Disbursements.

Supplies..... \$1.80

Balance July 1, 1896..... .21

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895 to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Easton & Rupp, supplies.....	171	\$1.80
Total disbursements.....		1.80
Balance July 1, 1896.....		.21

INTERNATIONAL EXCHANGES, 1894.

Balance July 1, 1895, as per last report..... \$0.10

Balance carried, under the provisions of the Revised Statutes, section 3090, by the Treasury Department, to the credit of the surplus fund, June 30, 1896.

NORTH AMERICAN ETHNOLOGY, 1896.

Appropriation by Congress for the fiscal year ending June 30, 1896,
"for continuing ethnological researches among the American Indians, under the direction of the Smithsonian Institution, including salaries or compensation of necessary employees, \$40,000, of which sum not exceeding \$1,000 may be used for rent of building." (Sundry civil act, March 2, 1895.)..... \$40,000.00

The actual conduct of these investigations has been continued by the Secretary in the hands of Maj. J. W. Powell, director of the Bureau of American Ethnology.

Disbursements July 1, 1895, to June 30, 1896.

Salaries or compensation:

1 director, 12 months, at \$375	\$4,500.00
1 ethnologist in charge, 12 months, at \$300	3,600.00
1 special ethnologist, 7 months, at \$200	1,400.00
1 ethnologist, 12 months, at \$150	1,800.00
1 ethnologist, 12 months, at \$150	1,800.00
1 ethnologist, 12 months, at \$150	1,800.00
1 ethnologist, 12 months, at \$125	1,500.00
1 ethnologist, 12 months, at \$125	1,500.00
1 ethnologist, 12 months, at \$116.66	1,399.92
1 ethnologist, 12 months, at \$110	1,320.00
1 ethno-photographer, { 2 months, at \$100	200.00
{ 10 months, at \$116.66	1,166.60
1 clerk, 12 months, at \$100	1,200.00
1 clerk, 3 months, at \$100	300.00
1 clerk, { 6 months, at \$83.33	499.98
{ 6 months, at \$100	600.00
1 clerk, { 5 months, at \$75	375.00
{ 29 days, at \$75	70.17
1 clerk, { 6 months, at \$83.33	499.98
1 clerk, 12 months, at \$75	900.00
1 clerk, 12 months, at \$75	900.00
1 messenger, 12 months, at \$60	720.00
1 messenger, 12 months, at \$50	600.00
1 modeler, 10 months, at \$60	600.00
1 skilled laborer, { 6 months, at \$40	240.00
{ 6 months, at \$45	270.00
1 copyist, 6 days, at \$2	12.00

Total salaries or compensation 29,773.65

Miscellaneous:

Drawings and illustrations	\$290.50
Freight	31.40
Miscellaneous	92.10
Postage and telegraph	35.91
Publications	218.48
Office furniture	393.77
Office rental	999.96
Special services	440.00
Specimens	21.48
Stationery	474.59
Supplies	617.81
Traveling and field expenses	5,166.22

Total miscellaneous 8,782.22

Total disbursements \$38,555.87

Balance July 1, 1896 1,444.13

APPROPRIATION, NORTH AMERICAN ETHNOLOGY, SMITHSONIAN INSTITUTION, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
J. Walter Fewkes, services.....	1	\$100.00	C. C. Willard, rent	7	\$83.83
Nellie Thomas, services	2	12.00	F. H. Burlingame, furniture	8	7.00
Pay roll, services	3	2,255.18	Wm. Wall, supplies	9	19.25
F. W. Hodge, traveling expenses	4	49.45	Wm. Jones, special services	10	40.00
F. M. Moore, supplies	5	18.00	Pay roll, services	11	1,129.99
J. Walter Fewkes, services.....	6	100.00	P. E. Nittinger, furniture	12	8.00

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
M. G. Copeland & Co., supplies.	13	\$12.00	Pay roll, services.	79	\$1,168.33
Chas. Mindeleff, supplies.	14	6.58	W. J. Corbett, supplies.	80	15.11
R. L. Boss, supplies.	15	52.25	Wheeler & Perry, field expenses	81	85.06
Genevieve Cook, services.	16	96.00	C. C. Willard, rent.	82	83.33
Pay roll, services.	17	1,130.00	Fred. A. Schmidt, supplies.	83	3.18
Chas. Mindeleff, supplies.	18	6.00	United States Electric Lighting		
Jas. P. Willett, stamps.	19	10.00	Co., lighting.	84	5.09
W. H. Lowdermilk & Co., publications.	20	27.30	Wyckoff, Seamans & Benedict, supplies.	85	98.16
E. Garet, services.	21	10.00	E. Morrison Paper Co., supplies.	86	16.08
United States Electric Lighting Co., lighting.	22	25	Pay roll, services.	87	1,168.32
C. C. Willard, rent.	23	83.33	Library Bureau, supplies.	88	129.32
Genevieve Cook, services.	24	52.00	Albert S. Gatschet, field expenses.	89	173.65
C. S. Braisted, supplies.	25	5.01	Pay roll, services.	90	1,168.33
Pennsylvania R. R. Co., transportation.	26	73.10	United States Express Co., freight.	91	4.05
Pay roll, services.	27	1,168.32	Library Bureau, furniture.	92	70.00
Do.	28	1,168.33	Denver and Rio Grande Rwy. Co., transportation.	93	7.30
J. W. Fewkes, services.	29	200.00	Pay roll, services.	94	1,153.32
H. H. Brown, supplies.	30	18.00	Mary Laura Tricon, typewriting.	95	42.00
E. J. Pullman, supplies.	31	32.79	C. C. Willard, rent.	96	83.33
Pay roll, services.	32	1,168.32	Adams Express Co., freight.	97	12.25
Spencer B. Nichols, drawings.	33	48.50	Public Printer, books.	98	8.00
James Mooney (canceled).	34		United States Electric Lighting		
Cosmos Mindeleff, services.	35	100.00	Co., lighting.	99	3.53
A. F. Jorss, furniture.	36	8.25	Willard D. Johnson, field expenses.	100	200.00
W. J. McGee, traveling expenses.	37	88.25	J. W. Mitchell, field expenses.	101	95.00
Smith Premier Typewriter Co., supplies.	38	25.60	S. C. Millard, field expenses.	102	72.00
J. J. Forsyth, furniture.	39	2.50	J. M. Berger, field expenses.	103	318.00
Z. D. Gilman, supplies.	40	9.90	Henry H. Brown, supplies.	104	59.53
F. H. Youngs, furniture.	41	6.35	F. A. Lucas, traveling expenses.	105	20.20
F. W. Hodge, field expenses.	42	135.05	J. Walter Fewkes, field expenses.	106	849.08
W. B. Moses & Sons, furniture.	43	11.95	W. J. McGee, field expenses.	107	564.30
Kann & Sons Manufacturing Co., supplies.	44	5.00	F. F. Daly, publications.	108	8.00
National Press Intelligence Co., supplies.	45	7.95	Pay roll, services.	109	1,153.33
C. C. Willard, rent.	46	83.33	Atchison, Topeka, and Santa Fe R. R., transportation.	110	53.50
Dexter Steam Laundry, laundry.	47	.68	Easton & Rupp, supplies.	111	24.85
F. F. Daly, supplies.	48	37.00	Nellie Thomas, reports.	112	11.00
W. F. Lutz, supplies.	49	18.00	National Press Intelligence Bureau, supplies.	113	8.90
E. J. Pullman, supplies.	50	87.74	Harriet E. Wheeler, drawings.	114	8.00
Manhattan Supply Co., supplies.	51	1.05	Stewart Culin, books.	115	5.00
M. W. Beveridge, supplies.	52	3.57	W. J. McGee, field expenses.	116	108.50
Henry H. Brown, supplies.	53	25.37	Albert S. Gatschet, field expenses.	117	170.90
Nellie Thomas, maps.	54	17.00	Brentanos, supplies.	118	20.24
Easton & Rupp, supplies.	55	9.70	Pay roll, services.	119	1,153.32
R. Carter Ballantyne, stationery.	56	19.05	J. Walter Fewkes, services.	120	200.00
Herman Baumgarten, supplies.	57	6.15	Hygienic Ice Co, supplies.	121	16.54
F. W. Hodge, traveling expenses.	58	24.45	C. C. Willard, rent.	122	83.33
F. W. Hodge, field expenses.	59	78.75	L. K. Thomson, field expenses.	123	55.20
Pay roll, services.	60	1,168.33	United States Electric Lighting Co., lighting.	124	2.33
Warren N. Lancaster, supplies.	61	11.63	Office Specialty Manufacturing Co., furniture.	125	132.50
C. N. Dayton, supplies.	62	10.48	J. M. Berger, field expenses.	126	204.00
Western Union Telegraph Co., telegrams.	63	1.80	Hugh Norris, field expenses.	127	67.66
James Mooney, field expenses.	64	166.75	Do.	128	116.66
Atlantic and Pacific E. R. Co., transportation.	65	30.30	J. W. Mitchell, field expenses.	129	50.00
C. C. Willard, rent.	66	83.33	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co., transportation.	130	21.50
Atchison, Topeka and Santa Fe R. R., transportation.	67	43.00	Southern Rwy. Co., transportation.	131	17.50
R. L. Boss, furniture.	68	39.25	Chesapeake and Potomac Telephone Co., telephones.	132	42.50
United States Electric Lighting Co., lighting.	69	4.07	R. Carter Ballantyne, supplies.	133	25.88
J. H. Chesley & Co., supplies.	70	1.00	Robt. L. Boss, furniture.	134	2.50
Pay roll, services.	71	1,168.32	Henry Walther, services.	135	60.00
Funk & Wagnalls Co., books.	72	14.00	Do.	136	30.00
Geo. F. Muth & Co., supplies.	73	16.64	Pay roll, services.	137	1,153.33
C. A. Schneider's Sons, supplies.	74	1.50	Pennsylvania R. R. Co., transportation.	138	71.10
Henry H. Brown, supplies.	75	69.25			
Do.	76	42.20			
W. J. McGee, traveling expenses.	77	69.37			
Edw. Kibel, supplies.	78	19.25			

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

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Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
J. Walter Fewkes, services	139	\$200.00	Jno. C. Weidman, publications	175	\$22.38
Southern Pacific Co., transportation	140	33.20	Easton & Rupp, supplies	176	34.98
W. Andrew Boyd, books	141	5.00	Mary Beni Chapman, drawings	177	47.00
Willard D. Johnson, field expenses	142	100.00	Margaret M. Hodge, drawings	178	56.00
Do	143	52.00	United States Express Co., freight	179	4.35
Do	144	44.25	Adams Express Co., freight	180	10.75
C. C. Willard, rent	145	83.33	May Belle Temple, drawings	181	32.00
Chicago, Rock Island and Pacific Rwy Co., transportation	146	20.94	Pay roll, services	182	1,253.32
W. B. Moses & Sons, furniture	147	10.15	W. F. Roberts, supplies	183	6.50
Pay roll, services	148	1,233.32	E. Morrison Paper Co., supplies	184	25.30
W. J. McGee, field expenses	149	202.16	Pay roll, services	185	1,253.33
Southern Pacific Co., transportation	150	44.75	Southern Pacific Co., transportation	186	33.20
J. J. Decker, supplies	151	6.50	Do	187	15.35
I. Clark Seamans, supplies	152	10.41	Geo. Maier & Son, binding	188	3.00
Dexter & Co., laundry	153	1.32	Scoville & Adams Co., books	189	1.18
Herman Baumgarten, supplies	154	7.20	Judd & Detweiler, supplies	190	18.50
Pay roll, services	155	1,233.33	James P. Willett, stamps	191	15.00
C. C. Willard, rent	156	83.33	C. C. Willard, rent	192	83.33
Springfield Envelope Co., supplies	157	16.70	T. S. Dozier, specimens	193	3.00
James Mooney, traveling expenses	158	173.25	Public Printer, binding, etc.	194	38.00
J. Walter Fewkes, services	159	454.84	Pay roll, services	195	1,183.32
United States Electric Lighting Co., lighting	160	2.16	James Mooney, supplies	196	8.00
Pay roll, services	161	1,233.32	Gustav E. Stechert, books	197	17.63
Nellie Thomas, drawings	162	36.00	J. Walter Fewkes, traveling expenses	198	36.75
Western Union Telegraph Co., telegrams	163	1.68	Do	199	34.88
Morgan Envelope Co., supplies	164	9.75	J. Walter Fewkes, services	200	145.16
H. O. Towles, furniture	165	23.00	W. J. Hoffman, reports	201	100.00
Henry H. Brown, supplies	166	76.99	Southern Pacific Co., transportation	202	38.50
Theo. L. Cole, books	167	3.00	Dennison Manufacturing Co., supplies	203	1.50
Western Union Telegraph Co., telegrams	168	7.43	R. L. Boss, furniture	204	5.75
Z. D. Gilman, supplies	169	17.81	Pay roll, services	205	1,183.33
Henry H. Brown, supplies	170	86.69	J. Walter Fewkes, traveling expenses	206	249.90
F. F. Daly, drawings	171	27.00	C. C. Willard, rent	207	83.33
Pay roll, services	172	1,233.33	Total disbursements		38,555.87
Manhattan Supply Co., supplies	173	4.64	Balance July 1, 1896		1,444.13
C. C. Willard, rent	174	83.33			

NORTH AMERICAN ETHNOLOGY, 1895.

Balance July 1, 1895, as per last report..... \$5,680.15

Disbursements.

Drawings and illustrations	\$708.50
Freight	15.15
Miscellaneous	12.97
Office furniture	216.50
Office rental	83.33
Postage, telegraph, etc.	20.30
Publications	655.26
Services	343.33
Specimens	12.91
Stationery	147.03
Supplies	301.93
Traveling and field expenses	1,266.50
Total disbursements	3,783.71

Amount carried, under the provisions of Revised Statutes, section 3090, by the Treasury Department to the credit of the surplus fund, June 30, 1896, by decision of the Comptroller of the Treasury.....

1,796.36

5,580.07

Balance July 1, 1896.....

100.08

NORTH AMERICAN ETHNOLOGY, 1895.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
J. Walter Fewkes, traveling expenses.....	217	\$32.00	Mary Benri Chapman, drawings, etc.....	254	\$38.00
Do.....	218	30.55	Easton & Rupp, supplies.....	255	2.12
Ella M. Russell, laundry.....	219	8.37	United States Express Co., freight.....	256	2.20
Geo. S. Davis, books.....	220	3.33	Western Union Telegraph Co., telegrams.....	257	.73
United States Electric Lighting Co., lighting.....	221	1.56	United States Express Co., freight.....	258	9.05
National Building Register, advertising.....	222	4.60	E. J. Pullman, supplies.....	259	140.76
Public Printer, binding.....	223	15.00	J. Walter Fewkes, supplies.....	260	14.47
W. T. Galliher & Bro., supplies.....	224	8.83	J. Walter Fewkes, field expenses.....	261	383.41
E. E. Jackson & Co., supplies.....	225	26.00	Jose Sirvent, translating.....	262	10.00
Gustav E. Stechert, publications.....	226	20.00	Franz Boas, manuscript.....	263	500.00
W. L. Cullen, photographs.....	227	12.91	Joseph A. Newcomb, drawings.....	264	104.50
Fred A. Schmidt, supplies.....	228	.90	F. F. Daly, drawings.....	265	25.00
Wyckoff, Seamans & Benedict, supplies.....	229	6.00	United States Express Co., freight.....	266	.95
E. Morrison Paper Co., stationery.....	230	22.75	J. H. Ridgway, drawings.....	267	76.00
Chesapeake and Potomac Telephone Co., telephones.....	231	18.75	J. S. Hunter, drawings.....	268	64.00
E. Bierstadt, illustrations.....	232	19.00	Adams Express Co., freight.....	269	1.60
C. C. Willard, rent.....	233	83.33	Atchison, Topeka and Santa Fe R. R., transportation.....	270	62.80
National Press Information Bureau, clippings.....	234	4.80	Western Union Telegraph Co., telegrams.....	271	.82
Z. D. Gilman, supplies.....	235	19.17	Geo. W. Knox Express Co., freight.....	272	1.35
Judd & Detweiler, stationery.....	236	45.50	Spencer B. Nichols, drawings.....	273	134.00
W. Bruce Gray, drawing.....	237	22.00	Judd & Detweiler, printing.....	274	21.25
Wm. Ballantyne & Sons, stationery.....	238	9.26	Office Specialty Manufacturing Co., furniture.....	275	135.00
Geo. N. Rider, books.....	239	35.00	W. H. Lowdermilk & Co., books.....	276	18.40
W. H. Lowdermilk & Co., publications.....	240	14.55	James Mooney, field expenses.....	277	214.25
Woodward & Lothrop, supplies.....	241	5.31	James Mooney, traveling expenses.....	277+	189.80
Office Specialty Manufacturing Co., supplies.....	242	65.00	Judd & Detweiler, supplies.....	278	48.15
Mary Irwin Wright, drawings.....	243	128.00	J. M. Berger, supplies.....	279	4.50
E. E. Jackson & Co., supplies.....	244	63.00	J. Karr, furniture.....	280	16.50
J. Walter Fewkes, services.....	245	200.00	Home Ice Co., supplies.....	281	2.93
Jno. C. Weidman, supplies.....	246	13.50	Gustav E. Stechert, books.....	282	30.00
Pennsylvania R. R. Co., transportation.....	247	28.50	Chicago, Rock Island and Pacific Rwy. Co., transportation.....	283	11.69
Jas. Mooney, field expenses.....	248	291.50	Ch. Chadenat, books.....	284	11.58
Boston and Albany R. R. Co., transportation.....	249	22.00	Total disbursements.....		8,783.71
Cosmos Mindeleff, services.....	250	133.33	Carried to surplus fund, Treasury Department.....		1,796.36
S. E. Cassino, books.....	251	2.60			
J. S. Hunter, drawings, etc.....	252	53.00	Balance July 1, 1896.....		100.08
F. F. Daly, drawings, etc.....	253	45.00			

APPROPRIATION, NATIONAL MUSEUM, 1896.

PRESERVATION OF COLLECTIONS, JULY 1, 1895, TO JUNE 30, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for continuing the preservation, exhibition, and increase of the collections from the surveying and exploring expeditions of the Government, and from other sources, including salaries or compensation of all necessary employees." (Sundry civil act, March 2, 1895)..... \$143,225.00

Expenditures.

SALARIES OR COMPENSATION.

Direction:

1 assistant secretary of the Smithsonian Institution, in charge, 12 months, at \$333.33..... \$3,999.96

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

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Expenditures—Continued.

SALARIES OR COMPENSATION—continued.

Scientific staff:

1 executive curator, 7 months, at \$225	\$1,575.00
3 curators, 12 months, at \$200	7,200.00
1 curator, 12 months, at \$175	2,100.00
1 curator, 11 months, at \$175	1,925.00
1 curator, 1 month, at \$166.73; 11 months, at \$166.66	1,999.99
1 curator (acting), 1 month, at \$142; 2 months, at \$140; 7 days, at \$140	453.61
1 assistant curator, 12 months, at \$150	1,800.00
1 assistant curator, 11 months, at \$133.33; 1 month, at \$133.66	1,600.29
1 assistant curator, 12 months, at \$80	960.00
1 assistant curator, 11 months, at \$75; 1 month, at \$76.80	901.80
2 aids, 12 months, at \$100	2,400.00
1 aid, 11 month, at \$80; 1 month, at \$80.80	960.80
1 aid, 4 months, at \$70	280.00
1 aid, 34 days, at \$60	65.80
1 aid, 2 months, at \$50; 15 days, at \$50	125.00
1 aid, 7 months, at \$40; 15 days, at \$40	300.69
1 aid, 4 months, at \$40	160.00
1 collector, 3 months, at \$60	180.00

Preparators:

1 photographer, 12 months, at \$158.33	1,899.96
1 artist, 12 months, at \$110	1,320.00
1 osteologist, 8 months, at \$90	720.00
1 preparator, 12 months, at \$80	960.00
1 preparator, 2 months, at \$90	180.00
1 preparator, 11 months, at \$80; 15 days, at \$80	918.71
1 preparator, 11 months, at \$80; 15 days, at \$80	918.71
1 preparator, 12 months, at \$60	720.00
1 preparator, 1 month, at \$60; 11 days, at \$60	81.29
1 preparator, 10 months, at \$50; 16 days, at \$50	525.81
1 preparator, 4 months, at \$50	200.00
1 preparator, 1 month, at \$50; 23 days, at \$50	87.10
1 preparator, 23 days, at \$3.20	78.60
1 preparator, 24 days, at \$3.20	76.80
1 taxidermist, 10 months, at \$100; 32 days, at \$100	1,106.99
1 taxidermist, 7 months, at \$100; 38 days, at \$100	824.52
1 taxidermist, 12 months, at \$90	1,080.00
1 taxidermist, 2 months, at \$75; 14 days, at \$75	185.00
1 taxidermist, 10 months, at \$60; 29 days, at \$60; 29 days, at \$60	714.13
1 model maker, 5 months, at \$100; 9 days, at \$100	529.03

Clerical staff:

1 chief clerk, 12 months, at \$200	2,400.00
1 editor, 8 months, at \$187.50; 19 days, at \$187.50	1,614.92
1 editor, 2 months, at \$166.66; 1 month, at \$166.73	500.05
1 chief of division, 12 months, at \$200	2,400.00
1 registrar, 11 months, at \$158.33; 1 month, at \$160.06	1,901.69
1 disbursing clerk, 12 months, at \$116.66	1,399.92
1 assistant librarian, 11 months, at \$110; 1 month, at \$111.40	1,321.40
1 stenographer, 10 months, at \$110; 2 months, at \$120	1,340.00
1 stenographer, 11 months, at \$50; 1 month, at \$54	604.00
1 stenographer, 12 months, at \$45	540.00
1 typewriter, 10 months, at \$50; 50 days, at \$50	582.10
1 typewriter, 309 days, at \$1.50; 6 days, at \$50 per month	473.50
2 clerks, 12 months, at \$115	2,760.00
2 clerks, 12 months, at \$100	2,400.00
1 clerk, 6 months, at \$100	600.00
1 clerk, 8 months, at \$90; 9 days, at \$90	746.13
1 clerk, 12 months, at \$90	1,080.00
1 clerk, 10 months, at \$60; 2 months, at \$90	780.00
1 clerk, 12 months, at \$83.33	999.96
1 clerk, 11 months, at \$75	825.00
1 clerk, 1 month, at \$70	70.00
2 clerks, 12 months, at \$60	1,440.00
1 clerk, 4 months, at \$60; 3 months, at \$50; 15 days, at \$50	415.00
2 clerks, 12 months, at \$55	1,320.00

Expenditures—Continued.

SALARIES OR COMPENSATION—continued.

Clerical staff—Continued.

1 clerk, 11 months, at \$55; 1 month, at \$54	\$659.00
1 clerk, 11 months, at \$55; 1 month, at \$54	659.00
1 clerk, 11 months, at \$50; 1 month, at \$51	601.00
1 clerk, 11 months, at \$50; 3 days, at \$50	554.84
5 clerks, 12 months, at \$50	3,000.00
1 clerk, 6 months, at \$50	300.00
1 copyist, 12 months, at \$45	540.00
2 copyists, 2 months, at \$45; 15 days, at \$45	225.00
2 copyists, 11 months, at \$40; 1 month, at \$41	962.00
4 copyists, 12 months, at \$40	1,920.00
1 copyist, 11 months, at \$35; 1 month, at \$36	421.00
2 copyists, 12 months, at \$35	840.00
1 copyist, 10 months, at \$35; 13 days, at \$35	364.68
1 copyist, 5 months, at \$35; 22 days, at \$35	199.84
1 copyist, 3 months, at \$35	105.00
2 copyists, 12 months, at \$30	720.00
1 copyist, 12 months, at \$25	300.00
1 copyist, 4½ months, at \$25; 22 days, at \$25	130.00
1 copyist, 4 months, at \$20; 21 days, at \$20	93.55

Buildings and labor:

1 superintendent, 12 months, at \$137.50	1,650.00
1 assistant superintendent, 3 months, at \$100; 9 months, at \$110	1,290.00
1 foreman, 12 months, at \$50	600.00
1 chief of watch, 12 months, at \$65	780.00
1 chief of watch, 11 months, at \$65; 28 days, at \$65	775.67
1 chief of watch, 11 months, at \$50; 1 month, at \$53	603.00
1 watchman, 12 months, at \$65	780.00
9 watchmen, 12 months, at \$50	5,400.00
1 watchman, 6 months, at \$50; 64 days, at \$50	406.40
1 watchman, 6 months, at \$50	300.00
1 watchman, 3 months, at \$45; 26 days, at \$45	172.74
1 watchman, 5 months, at \$45; 18 days, at \$45	251.13
2 watchmen, 12 months, at \$45	1,080.00
1 watchman, 11 months, at \$45; 1 month, at \$48	543.00
1 watchman, 11 months, at \$40; 23 days, at \$40	470.67
1 watchman, 11 months, at \$45; 13 days, at \$45	513.87
1 watchman, 4 months, at \$45; 23 days, at \$45	215.69
1 watchman, 9 months, at \$45; 30 days, at \$45	464.47
1 watchman, 4 months, at \$45	180.00
1 watchman (acting), 3 months, at \$35; 36 days, at \$35	147.40
1 watchman, 123 days, at \$1.50	184.50
1 watchman, 3 days, at \$1.50	4.50
1 skilled laborer, 2 months, at \$62; 9 months, at \$50; 1 month, at \$40	614.00
1 skilled laborer, 8 months, at \$60; 31 days, at \$60	240.00
1 skilled laborer, 21 days, at \$50	33.87
1 skilled laborer, 11 months, at \$45	495.00
1 skilled laborer, 231 days, at \$2	462.00
1 skilled laborer, 18 days, at \$1.75	22.75
1 laborer, 1 month, at \$53.50; 1 month, at \$47.50; 1 month, at \$46; 6 months, at \$40	387.00
1 laborer, 1 month, at \$49.50; 317 days, at \$1.50	525.00
1 laborer, 12 months, at \$45	540.00
1 laborer, 11 months, at \$45	495.00
1 laborer, 1 month, at \$48; 2 months, at \$41.50; 8 months, at \$40	446.00
1 laborer, 1 month, at \$48; 10 months, at \$40; 15 days, at \$40	463.00
1 laborer, 1 month, at \$41.50; 11 months, at \$40	481.50
1 laborer, 1 month, at \$41.50; 11 months, at \$40	481.50
2 laborers, 12 months, at \$40	960.00
1 laborer, 11 months, at \$40; 15 days, at \$40	460.00
1 laborer, 11 months, at \$40; 28 days, at \$40	476.13
1 laborer, 11 months, at \$40; 24 days, at \$40	472.00
7 laborers, 314 days, at \$1.50	3,297.00
1 laborer, 255 days, at \$1.50	382.50
1 laborer, 92 days, at \$1.50	138.00

Expenditures—Continued.

SALARIES AND COMPENSATION—continued.

Building and labor—Continued.

1 laborer, 316 days, at \$1.50	\$474.00
1 laborer, 28½ days, at \$1.50; 281 hours, at 15 cents	84.90
1 laborer, 305 days, at \$1.50	457.50
1 laborer, 13 days, at \$1.50	19.50
1 laborer, 271 days, at \$1.50	406.50
1 laborer, 363 days, at \$1.50	544.50
1 laborer, 362 days, at \$1.50	543.00
1 laborer, 349 days, at \$1.50	523.50
1 laborer, 329 days, at \$1.50	493.50
1 laborer, 293 days, at \$1.50	439.50
1 laborer, 6 days, at \$1.50	9.00
1 laborer, 89½ hours, at 15 cents	13.43
1 laborer, 82½ hours, at 15 cents	12.34
1 laborer, 90 hours, at 15 cents	13.50
1 laborer, 81½ hours, at 15 cents	12.26
1 laborer, 88½ hours, at 15 cents	13.28
1 laborer, 143½ hours, at 15 cents	21.49
1 laborer, 90½ hours, at 15 cents	13.54
1 laborer, 285 hours, at 15 cents	42.83
1 laborer, 109 hours, at 15 cents	16.35
1 laborer, 86½ hours, at 15 cents	13.01
1 laborer, 12 hours, at 15 cents	1.95
1 laborer, 78½ hours, at 15 cents	11.78
1 laborer, 10 hours, at 15 cents	1.50
1 laborer, 11 hours, at 15 cents	1.65
1 messenger, 10 months, at \$50; 30 days, at \$50	550.00
1 messenger, 11 months, at \$30; 29 days, at \$30	359.00
1 messenger, 2 months, at \$30	60.00
1 messenger, 16 days, at \$30	16.00
1 messenger, 11 months, at \$25	275.00
1 messenger, 1 month, \$22; 5 months, at \$20; 6 months, at \$15	212.00
2 messengers, 12 months, at \$20	480.00
1 messenger, 1 month, at \$20; 21 days, at \$20	33.55
1 messenger, 31 days, at \$20	20.41
1 attendant, 12 months, at \$40	480.00
3 cleaners, 12 months, at \$30	1,080.00
1 cleaner, 315 days, at \$1	315.00
1 cleaner, 315 days, at \$1	315.00
1 cleaner, 11 months, at \$30; 1 month, at \$31	361.00
Total salaries	125,950.49
Special services	2,916.25
Total services	128,866.74
Miscellaneous:	
Supplies	\$2,504.70
Stationery	765.96
Specimens	3,810.25
Books and periodicals	2,245.39
Travel	599.35
Freight and cartage	1,586.08
	11,511.73
Total expenditure	140,378.47
Balance July 1, 1896, to meet liabilities	2,846.58

12 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

APPROPRIATION, PRESERVATION OF COLLECTIONS, NATIONAL MUSEUM, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
A. H. Baldwin, special services.	1	\$25.48	Wm. Wesley & Son, books.	67	\$33.52
J. C. McConnell, specimens.	2	69.00	Richard Schöne, specimens.	68	208.72
Wm. B. Griffith, special services.	3	50.00	Comstock Publishing Co., books.	69	3.75
P. H. Bray, specimens.	4	6.00	A. W. Anthony, specimens.	70	55.00
Jos. Mace, freight.	5	75.00	J. W. Collins, books.	71	250.00
G. Brown Goode, services.	6	333.33	Wm. B. Griffith, special services.	72	25.50
Pay roll, services.	7	9,899.43	Robert L. Stone, services.	73	12.67
Richard Weeks, specimens.	8	25.00	Geo. W. Knox Express Co., freight.	74	75.21
C. P. Williams, supplies.	9	10.50	D. Ballau, special services.	75	6.00
H. Gibb, services.	10	70.00	United States Express Co., freight.	76	19.45
Walter Hough, travel.	11	38.75	M. J. Rathbun, travel.	77	35.13
Paul Brockett, books.	12	40.00	Mutual District Messenger Co., special services.	78	1.80
Wm. B. Griffith, special services.	13	24.70	G. Brown Goode, services.	79	333.33
Minnie M. Mark, specimens.	14	150.00	Joseph Mace, freight.	80	75.00
G. W. Haskell, specimens.	15	67.00	Pay roll, services.	81	10,454.34
Stehman Herr, services.	16	29.03	H. T. Heyde, specimens.	82	92.00
Amelia M. Veitenthal, services.	17	20.00	H. Gibb, services.	83	70.00
Wm. B. Griffith, special services.	18	21.70	Do.	84	70.00
A. F. Lippard, special services.	19	10.00	Amelia F. Veitenthal, services.	85	20.22
B. Harrison, specimens.	20	25.00	Chas. Becker, supplies.	86	8.75
J. Baumgarten & Sons, stationery.	21	4.00	Mrs. Robt. Brown, specimens.	87	20.00
W. W. Blake, specimens.	22	75.00	Jacob Geismar, specimens.	88	37.00
Wm. Evarts Benjamin, books.	23	10.50	Edw. Kemeys, freight.	89	25.00
Arthur Stafford, supplies.	24	11.20	S. P. Langley, travel, \$118.44; specimens, \$1.93.	90	120.37
Edwin D. Howell, specimens.	25	10.60	K. J. Bush, special services.	91	45.00
Do.	26	275.00	Jno. C. Parker, stationery, \$5.25; supplies, \$16; special services, \$8.75.	92	30.00
United Typewriter and Supplies Co., supplies.	27	85.50	Church & Stephenson, supplies.	93	2.50
P. Blakiston, Son & Co., books.	28	10.00	Elmer & Amend, supplies.	94	80.41
I. P. Bishop, specimens.	29	6.00	N. Bunch, supplies.	95	2.86
Macmillan & Co., books.	30	3.38	Seaton Perry, supplies.	96	4.75
Chas. K. Worthen, specimens.	31	47.60	I. Clark Seamans, stationery, \$20; supplies, \$39.25.	97	109.25
Wyckoff, Seamans & Benedict, special services.	32	72.50	G. A. Whitaker, supplies.	98	8.50
K. J. Bush, special services.	33	75.00	C. S. Braisted, stationery.	99	10.90
W. H. Chandlee, special services.	34	30.00	Wm. D. Clark & Co., supplies.	100	59.60
J. E. Watkins, travel.	35	23.78	Willis & Clements, supplies.	101	54.00
C. R. Randolph, specimens.	36	400.00	United States Mailing Case Co., supplies.	102	4.75
American Press Information Bureau, books.	37	5.00	G. Brown Goode, services.	103	333.33
Wm. B. Griffith, special services.	38	17.50	Jos. Mace, freight.	104	75.00
G. Brown Goode, specimens.	39	2.00	Pay roll, services.	105	10,340.48
J. W. Collins, books.	40	250.00	Columbia Phonograph Co., special services.	106	42.50
O. T. Mason, travel.	41	21.25	M. Payne, special services.	107	38.00
Pay roll, services.	42	10,123.24	J. F. Batchelder, stationery.	108	2.50
Jos. Mace, freight.	43	75.00	E. Morrison Paper Co., supplies, \$170.40; stationery, \$20.06.	109	190.45
G. Brown Goode, services.	44	333.33	James L. Barbour & Son, supplies.	110	12.67
T. D. Reed, books.	45	7.00	J. H. Chesley & Co., supplies.	111	1.00
Geo. F. Lasher, books.	46	2.50	Z. D. Gilman, supplies.	112	31.15
Leggat Bros., books.	47	1.95	Herman Baumgarten, stationery.	113	21.90
New York Engraving and Printing Co., special services.	48	8.00	M. W. Beveridge, supplies.	114	31.22
Dexter & Co., special services.	49	4.86	R. Carter Ballantyne, supplies, \$31.33; stationery, \$34.06.	115	95.42
Ward's Natural Science Establishment, specimens.	50	95.00	F. P. May & Co., supplies.	116	29.64
Geo. W. Cudlip, specimens.	51	81.00	Dexter & Co., special services.	117	8.52
Pennsylvania R. R. Co., travel.	52	10.00	W. C. Newton & Co., special services.	118	5.25
A. L. Tuska, specimens.	53	15.00	Hygienic Ice Co., supplies.	119	70.38
Geo. E. Littlefield, books.	54	7.65	American Press Information Bureau, books.	120	10.00
Thos. Wilson, travel.	55	26.75	Robt. Low & Co., specimens.	121	12.00
E. W. Davison, services.	56	19.20	Wyckoff, Seamans & Benedict, special services.	122	2.60
Geo. W. Cudlip, specimens.	57	180.00	People's Dispatch Co., freight.	123	21.60
Adams Express Co., freight.	58	22.37			
G. W. Smith, services.	59	16.50			
J. B. Steers, specimens.	60	4.00			
Frank X. Holzner, specimens.	61	1.00			
Japanese Fan Co., specimens.	62	355.50			
Gustav E. Stechert, books.	63	4.00			
Oelrichs & Co., freight.	64	54.24			
J. A. Mathews, specimens.	65	15.00			
Oscar Tollin, specimens.	66	15.00			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Adams Express Co., freight.....	124	\$19.15	Maria C. Jensen, special serv- ices.....	188	\$9.80
Geo. W. Knox Express Co., freight.....	125	60.72	Pay roll, services.....	189	10,184.87
M. J. Scollick, special services.....	126	87.00	G. Brown Goode, services.....	190	533.33
W. E. Scollick, special services.....	127	25.00	Jos. Mace, freight.....	191	75.00
M. F. Savage, specimens.....	128	24.00	L. W. Stilwell, specimens.....	192	4.00
Eastman Kodak Co., supplies.....	129	8.00	A. C. McBride, specimens.....	193	4.00
Herdic Phaeton Co., special services.....	130	4.05	W. H. Veerhoff, supplies.....	194	1.40
H. Gibb, services.....	131	70.00	James L. Barbour & Son, sup- plies.....	195	5.00
E. D. Cope, special services.....	132	5.00	E. Morrison Paper Co., supplies, \$62.55; stationery, \$4.....	196	66.55
A. L. Pridemore, specimens.....	133	40.00	R. Carter Ballantyne, station- ery.....	197	24.55
Chas. Yale, specimens.....	134	5.00	Jno. C. Parker, stationery.....	198	1.75
United States Express Co., freight.....	135	15.85	F. P. May & Co., supplies.....	199	2.10
Leggat Bros., books.....	136	1.00	Harry M. Schneider, supplies.....	200	.25
Manhattan Supply Co., station- ery.....	137	7.37	Franz Boas, special services.....	201	168.00
Chas. Scribner's Sons, books.....	138	27.80	Franz Boas, travel.....	202	16.70
Geo. F. Muth & Co., supplies.....	139	32.14	Lawrence Jensen, services.....	203	29.03
Springmann's Express, freight.....	140	.88	C. P. Williams, supplies.....	204	10.50
Bernard Quaritch, books.....	141	4.69	J. F. Batchelder, supplies.....	205	88.00
J. W. Collins, books.....	142	250.00	G. Brown Goode, specimens.....	206	4.50
Gustav E. Stechert, books.....	143	3.00	G. Brown Goode, travel.....	207	15.95
Richard Pearce, specimens.....	144	7.50	John Crosby Brown, specimens.....	208	95.00
Dexter & Co., special services.....	145	4.97	John C. Parker, stationery, \$10; supplies, \$16.....	209	26.00
R. H. Hannah, specimens.....	146	10.00	Mrs. N. M. Brown, specimens.....	210	50.00
Gustav E. Stechert, books.....	147	58.05	Howard Lockwood & Co., books.....	211	12.00
K. J. Bush, special services.....	148	81.00	K. J. Bush, special services.....	212	73.50
E. J. Pullman, supplies.....	149	77.64	Brentano's, books.....	213	3.40
Tiffany & Co., specimens.....	150	437.88	B. F. Stevens, books.....	214	13.86
R. Edw. Earll, specimens.....	151	111.50	Karl W. Hiersemann, books.....	215	74.00
Adams Express Co., freight.....	152	21.55	A. G. Lutz, supplies.....	216	3.00
United States Express Co., freight.....	153	4.20	Wm. F. Boogher, books.....	217	5.00
People's Dispatch Co., freight.....	154	9.75	Theo. A. Mills, special services.....	218	45.00
E. T. Cresson, books.....	155	2.00	J. B. Schaeffler, specimens.....	219	5.65
Andrew Renz, special services.....	156	2.00	B. G. Palmer, special services, \$16.80; freight, \$1.25; sup- plies, \$1.....	220	19.05
W. C. Newton & Co., supplies.....	157	22.25	S. Raymond Roberts, books.....	221	10.00
Jos. Mace, freight.....	158	75.00	American Press Information Bureau, books.....	222	10.00
G. Brown Goode, services.....	159	333.33	Shoemaker & Busch, supplies.....	223	9.75
Pay roll, services.....	160	9,961.31	Mrs. Prentice Dumbell, speci- mens.....	224	2.50
J. Schultzbach, special services.....	161	19.50	G. Brown Goode, services.....	225	333.33
Library Bureau, supplies.....	162	13.54	Joseph Mace, freight.....	226	75.00
Hart & Barber, specimens.....	163	39.25	Pay roll, services.....	227	10,027.56
Chas. Schuchert, travel, \$169.21; supplies, \$5.40; specimens, \$1.25; special services, \$3.95.....	164	185.81	Geo. F. Muth & Co., supplies.....	228	27.70
Geo. W. Knox Express Co., freight.....	165	13.04	J. H. Chesley & Co., supplies.....	229	4.70
W. A. Pate, supplies.....	166	1.00	Dr. A. E. Foote, books.....	230	.15
Springfield Envelope Co., sta- tionery.....	167	122.34	Macmillan & Co., books.....	231	2.48
Willis & Clements, supplies.....	168	18.00	H. H. & C. S. Brimley, speci- mens.....	232	.75
The Scoville & Adams Co., sup- plies.....	169	19.30	Stamford Parry, Herron & Co., freight.....	233	6.00
Henry H. Brown, supplies.....	170	43.04	Mutual District Messenger Co., special services.....	234	2.30
India Alkali Works, supplies.....	171	18.66	Easton & Rupp, stationery.....	235	87.30
Edw. Gerrard, specimens.....	172	27.22	Fred. A. Schmidt, supplies.....	236	.80
Wm. Wesley & Son, books.....	173	68.73	James L. Barbour & Son, sup- plies.....	237	4.12
C. Reinwald & Co., books.....	174	4.98	T. D. Reed, books.....	238	7.00
A. F. Veitenthal, services.....	175	20.00	Thomas Kane & Co., stationery.....	239	4.50
Church & Stephenson, supplies.....	176	2.00	Henry H. Brown, supplies.....	240	8.00
Chas. Gannatt, specimens.....	177	35.00	Herman Baumgarten, station- ery.....	241	4.70
United States Net and Twine Co., supplies.....	178	3.75	E. J. Pullman, supplies.....	242	13.45
Mutual District Messenger Co., special services.....	179	8.60	M. W. Beveridge, supplies.....	243	14.20
S. H. Chadbourne, books.....	180	2.50	Library Bureau, supplies.....	244	2.25
Stewart Culin, books.....	181	5.00	Bausch & Lomb Optical Co., supplies.....	245	4.50
K. J. Bush, special services.....	182	50.00	Edward Bierstadt, specimens.....	246	25.66
Cambridge Botanical Supply Co., books.....	183	2.60	Dexter & Co., special services.....	247	4.64
Ward's Natural Science Estab- lishment, specimens.....	184	19.75	Eastman Kodak Co., special services.....	248	16.7
Dexter & Co., special services.....	185	5.24	W. Andrew Boyd, books.....	249	20.0
E. J. Pullman, supplies.....	186	22.90			
F. A. Tschiffely, jr., supplies.....	187	11.70			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Hygienic Ice Co., supplies	250	\$37.59	Hygienic Ice Co., supplies	317	\$9.00
N. R. Wood, special services	251	13.50	Geo. L. English & Co., specimens	318	5.50
Maurice Joyce Engraving Co., special services	252	.30	James Mooney, specimens	319	20.00
The Herdic Phaeton Co., special services	253	6.75	Dexter & Co., special services	320	4.97
F. A. C. Prestel, specimens	254	8.75	W. F. Roberts, supplies	321	15.00
Thos. R. Sorin, specimens	255	15.00	Edward Turner, services	322	1.50
Jno. Thos. Barron, freight	256	4.10	K. J. Bush, special services	323	64.00
Franz Boas, books	257	299.00	G. Brown Goode, services	324	333.33
Church & Stephenson, supplies	258	4.00	Joseph Mace, freight	325	75.00
W. B. Marshall, services	259	20.69	Pay roll, services	326	10,067.31
Franz Boas, special services	260	300.00	A. H. Baldwin, special services	327	117.00
Bernard Quaritch, books	261	18.75	Missouri Pacific R. R., freight	327a	11.08
R. F. Damon, specimens	262	11.00	Kinuna Fukushima, specimens	328	6.00
Geo. W. Knox Express Co., freight	263	24.71	Library Bureau, supplies	329	4.75
N. L. Britton, books	264	6.00	Queen & Co., supplies	330	10.00
Adams Express Co., freight	265	14.35	W. Andrew Boyd, books	331	5.00
United States Express Co., freight	266	20.30	J. H. Chesley & Co., stationery, \$1.42; supplies, \$1.	332	2.42
Leggat Bros., books	267	2.50	Easton & Rupp, stationery	333	8.40
Henry H. Brown, supplies	268	4.00	E. J. Pullman, supplies	334	45.01
Willis & Clements, supplies	269	36.00	Fred. A. Schmidt, supplies	335	5.40
K. J. Bush, special services	270	82.00	Lansburgh & Bro., supplies	336	5.80
W. A. Pate, supplies	271	2.00	Jno. C. Parker, supplies	337	21.95
Anna L. Brown, special services	272	8.06	E. Morrison Paper Co., stationery, \$54.05; supplies, \$19.45	338	73.50
Do	273	111.15	Pay roll, services	339	22.20
Gustav E. Stechert, books	274	24.15	Wirt Tassin, travel, \$18.20; supplies, \$3.33	340	21.53
C. Schneider, supplies	275	1.00	Mary M. Leichter, special services	341	100.00
W. B. Parsons, specimens	276	1.00	A. H. Baldwin, special services	342	5.00
Pay roll, services	277	9,715.26	S. Raymond Roberts, books	343	10.00
Jos. Mace, freight	278	75.00	John Akhurst, supplies	344	9.75
G. Brown Goode, services	279	333.33	James H. McGill, supplies	345	27.80
Hygienic Ice Co., supplies	280	9.72	James Mooney, specimens	346	45.00
Dexter & Co., special services	281	5.10	Mrs. N. M. Brown, specimens	347	30.00
Leggat Bros., books	282	14.40	W. F. Roberts, supplies	348	15.00
Brentano's, specimens	283	1.00	K. J. Bush, special services	349	75.50
R. Carter Ballantyne, supplies, \$35.70; stationery, \$19.26	284	54.96	Cambridge Botanical Supply Co., supplies	350	2.10
E. J. Pullman, supplies	285	10.80	C. G. Pringle, specimens	351	42.50
Wyckoff, Seamans & Benedict, supplies	286	2.00	Mrs. L. B. Good, specimens	352	80.00
Shoemaker & Busch, supplies	287	92.91	A. H. Baldwin, special services	353	7.50
Z. D. Gilman, supplies	288	14.25	People's Dispatch Co., freight	354	4.16
F. P. May & Co., supplies	289	3.50	Mutual District Messenger Co., special services	355	4.45
Eimer & Amend, supplies	290	32.47	Francis P. Harper, books	356	2.00
W. C. Newton & Co., supplies	291	7.00	Wyckoff, Seamans & Benedict, special services	357	12.40
Chas. Becker, supplies	292	8.75	Adams Express Co., freight	358	30.00
Wm. Wesley & Son, books	293	248.50	United States Express Co., freight	359	30.75
A. H. Baldwin, special services	294	10.00	Columbia Phonograph Co., special services	360	85.00
Herman Baumgarten, stationery	295	21.60	F. P. May & Co., supplies	361	2.19
W. P. Brown, specimens	296	17.00	Pay roll, services	362	10,155.50
J. Baumgarten & Sons, special services	297	1.00	G. Brown Goode, services	363	333.33
Geo. W. Knox Express Co., freight	298	16.22	Jos. Mace, freight	364	75.00
Adams Express Co., freight	299	22.60	A. H. Baldwin, special services	365	5.00
W. H. Lowdermilk & Co., books	300	12.75	L. M. Everett, specimens	366	2.00
People's Dispatch Co., freight	301	1.50	Anna L. Brown, special services	367	52.30
United States Express Co., freight	302	8.55	Geo. F. Muth & Co., supplies	368	24.10
Macmillan & Co., books	303	11.25	E. J. Pullman, supplies	369	18.75
Do	304	3.75	H. Hoffa, supplies	370	2.50
Newman & Son, supplies	305	.60	Z. D. Gilman, supplies	371	5.10
N. B. Wood, services	306	36.00	Clafin Optical Co., supplies	372	1.35
C. P. Williams, supplies	307	10.50	Eimer & Amend, supplies	373	10.90
Karl W. Hiersemann, books	308	2.04	C. S. Braisted, stationery	374	2.25
R. Friedlander & Sohn, books	309	2.03	Library Bureau, supplies	375	
American Press Information Bureau, books	310	15.00	R. Carter Ballantyne, supplies, \$19.40; stationery, \$4.63	376	24.08
Nixon Brewer, special services	311	5.75	E. Morrison Paper Co., stationery	377	78.35
James T. White & Co., books	312	10.00	Jno. C. Parker, special services	378	1.25
Leggat Bros., books	313	6.25	Franz Boas, special services	379	27.00
Wm. Ballantyne & Sons, books	314	2.50	N. L. Burchell, supplies	380	1.75
Chas. Fischer, supplies	315	4.60	Wyckoff, Seamans & Benedict, supplies	381	87.75
W. C. Newton & Co., special services	316	2.25			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Mackall Bros. & Flemer, supplies.....	382	\$7.25	Dexter & Co., special services.....	433	\$10.58
Bausch & Lomb Optical Co., supplies.....	383	5.63	Stephenson's Express, freight.....	434	2.56
Mrs. J. A. Carline, supplies.....	384	1.55	Spon & Chamberlain, books.....	435	.80
Franz Boas, travel.....	385	20.55	United Typewriter and Supply Co., special services.....	436	5.00
R. L. Packard, special services.....	386	100.00	W. F. Roberts, stationery.....	437	23.55
Herdie Phaeton Co., special services.....	387	7.20	J. B. Lippincott Co., books.....	438	6.00
Willis & Clements, supplies.....	388	36.00	Frank X. Holzner, specimens.....	439	7.80
James L. Barbour & Son, supplies.....	389	.60	H. Baumgarten, stationery.....	440	2.20
Willis L. Jepson, books.....	390	3.50	Franklin & Co., supplies.....	441	.65
Macmillan & Co., books.....	391	8.31	Library Bureau, supplies.....	442	4.50
Geo. Brunder, books.....	392	11.00	Scovill & Adams Co., of New York, supplies.....	443	4.50
L. H. Thomas Co., stationery.....	393	1.50	W. H. Veerhoff, supplies.....	444	1.50
Shoemaker & Busch, supplies.....	394	92.19	J. T. Walker Sons, supplies.....	445	.75
K. J. Bush, special services.....	395	75.50	Geological Society of America, books.....	446	5.00
W. H. Chandlee, special services.....	396	100.00	Andrew Renz, special services.....	447	2.00
Dexter & Co., special services.....	397	5.60	Brentano's, books.....	448	.25
Smith & Egge Manufacturing Co., supplies.....	398	1.00	M. W. Clarke, services.....	449	12.50
Green & Strickler, supplies.....	399	9.00	Gustav E. Stechert, books.....	450	14.25
Willsey & Wood, books.....	400	10.00	K. J. Bush, special services.....	451	79.00
H. P. Attwater, specimens.....	401	28.00	F. P. May & Co., supplies.....	452	11.10
American Press Information Bureau, books.....	402	10.00	M. W. Beveridge, supplies.....	453	1.80
J. Q. Thompson & Co., supplies.....	403	5.00	J. H. Chesley & Co., stationery.....	454	1.42
J. W. Lynn, services.....	404	3.00	E. Morrison Paper Co., supplies, \$4.39; stationery, \$2.40.....	455	6.79
Jno. Boyle, services.....	405	14.68	R. Carter Ballantyne, stationery.....	456	47.46
F. W. True, travel.....	406	26.02	E. J. Pullman, supplies.....	457	79.26
G. E. Stechert, books.....	407	82.70	John C. Parker, stationery.....	458	15.25
F. L. Harvey, specimens.....	408	15.00	Z. D. Gilman, supplies.....	459	3.10
F. W. Crosby, specimens.....	409	55.00	Church & Stephenson, supplies.....	460	4.50
Green & Strickler, supplies.....	410	10.53	Geo. W. Knox Express Co., freight.....	461	136.70
C. A. Alston, services.....	411	16.50	Eastman Kodak Co., supplies.....	462	14.53
Jos. Mace, freight.....	412	75.00	Pay roll, services.....	463	10,448.67
G. Brown Goode, services.....	413	333.33	Karl W. Hiersemann, books.....	464	139.58
Pay roll, services.....	414	10,358.67	E. L. Green, books.....	465	4.00
J. C. McConnell, special services.....	415	99.00	S. R. Koehler, books, 49 cents; freight, 75 cents; specimens, \$10.94.....	466	12.18
C. P. Williams, supplies.....	416	10.55	Mutual District Messenger Co., special services.....	467	4.80
Geo. N. Rider, books.....	417	6.00	Willis & Clements, supplies.....	468	18.00
Herman Baumgarten, special services.....	418	2.50	Do.....	469	18.00
S. H. Chadbourne, books.....	419	10.25	F. A. Tschiffely, jr., supplies.....	470	17.39
Elmer & Amend, special services.....	420	29.75	W. A. Pate, supplies.....	471	1.10
H. P. Attwater, specimens.....	421	50.00	John C. Parker, supplies.....	472	16.00
A. W. Anthony, specimens.....	422	22.00	Easton & Rupp, stationery.....	473	49.75
J. C. McConnell, special services.....	423	50.00	James H. McGill, supplies.....	474	12.05
J. W. Scollick, travel.....	424	27.26	S. F. Redman, services.....	475	4.50
A. H. Baldwin, special services.....	425	50.00	Estes & Lauriat, books.....	476	14.90
Chas. Schuchert, travel.....	426	27.60	Pennsylvania R. R. Co., travel.....	477	5.76
W. D. Clark & Co., supplies.....	427	.75	E. Morrison Paper Co., stationery, \$38.60; supplies, \$6.....	478	44.60
Nixon Brewer, supplies.....	428	1.25			
United States Express Co., freight.....	429	18.85	Total disbursements.....	140,378.47	
Adams Express Co., freight.....	430	15.35			
Baltimore and Ohio R. R. Co., freight.....	431	28.83	Balance July 1, 1896.....	2,846.53	
W. H. Lowdermilk & Co, books.....	432	2.00			

NATIONAL MUSEUM—FURNITURE AND FIXTURES, JULY 1, 1895, TO JUNE 30, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for cases, furniture, fixtures, and appliances required for the exhibition and safe-keeping of the collections of the National Museum, including salaries or compensation of all necessary employees" (Sundry civil act, March 2, 1895) \$12,500

Expenditures.

Salaries or compensation:

1 cabinetmaker, 314 days, at \$3	\$942.00
1 carpenter, 314 days, at \$3	942.00
1 carpenter, 156 days, at \$3	468.00
1 carpenter, 123 days, at \$3	369.00
1 carpenter, 109 days, at \$3	327.00
1 carpenter, 103 days, at \$3	309.00
1 carpenter, 95 days, at \$3	285.00
1 carpenter, 72 days, at \$3	216.00
1 carpenter, 58 days, at \$3	174.00
1 carpenter, 17 days, at \$3	51.00
1 carpenter, 12½ days, at \$3	37.50
1 carpenter, 12 days, at \$3	36.00
1 carpenter, 10 days, at \$3	30.00
1 carpenter, 9 days, at \$3	27.00
1 carpenter, 8 days, at \$3	24.00
1 carpenter, 2 days, at \$3	6.00
1 painter, 3 months, at \$65; 24 days, at \$65	245.95
1 painter, 10 months, at \$50	500.00
1 skilled laborer, 218 days, at \$2	436.00
1 skilled laborer, 26 days, at \$2	52.00
1 skilled laborer, 19½ days, at \$2	39.00
1 skilled laborer, 1 month, at \$60	60.00
1 skilled laborer, 139 days, at \$1.75	243.25
1 laborer, 26 days, at \$1.50	39.00
1 copyist, 6 days, at \$40	8.00

Total salaries 5,866.70

Special services 394.75

Total services 6,261.45

Miscellaneous:

Cases	\$300.00
Drawings	22.88
Drawers	1,055.75
Frames	5.00
Glass	223.57
Hardware	653.05
Tools	18.96
Cloth	111.73
Glass jars	414.61
Lumber	947.54
Paints, oils	346.30
Office furniture	193.36
Rubber and leather	70.26
Apparatus	6.45
Plumbing	463.00
Iron brackets	91.00
	<hr/> 4,928.46

Total expenditures 11,184.91

Balance July 1, 1896, to meet liabilities 1,315.09

APPROPRIATION, FURNITURE AND FIXTURES, NATIONAL MUSEUM,
1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
S. S. Shedd & Bro., plumbing...	1	\$445.00	Pay roll, services.....	57	\$446.50
Pay roll, services.....	2	252.45	Wm. H. Butler, paints, oils, etc.	58	10.00
Barber & Ross, drawers, etc.	3	350.00	Z. D. Gilman, glass jars.....	59	12.00
G. Winneberger & Son, office furniture.....	4	7.00	Wm. H. Douglas, hardware.....	60	1.54
Pay roll, services.....	5	305.00	F. P. May & Co., hardware.....	61	2.20
W. E. Crossingham, services.....	6	5.00	Harry M. Schneider, hardware.....	62	5.65
Turner Jenkins, special services.....	7	6.50	Geo. A. Shehan, lumber.....	63	45.25
W. A. Pate, hardware.....	8	21.70	Harry M. Schneider, hardware, \$16.65; office furniture, \$2.25.....	64	18.90
L. H. Schneider's Son, special services.....	9	90.00	Henry Ansley, jr., hardware.....	65	4.70
C. H. Darcey, services.....	10	27.00	Pay roll, services.....	66	629.00
G. H. Brown, services.....	11	36.00	Geo. F. Muth & Co., paints, \$24.85; glass, \$1.60.....	67	26.45
Wm. B. Entwisle, services.....	12	30.00	J. H. Chesley & Co., hardware.....	68	64.24
Wm. Duffy, services.....	13	37.50	Mitchell & Reed, hardware.....	69	.50
H. L. Cranford, special services.....	14	32.75	Frank Libbey & Co., lumber.....	70	3.15
James Roache, plumbing.....	15	15.00	James B. Lambie, hardware.....	71	10.95
Wm. C. Cole, services.....	16	24.00	C. Dorfing & Sons, glass jars.....	72	14.10
E. Thornburg, services.....	17	6.00	Randolph Paper Box Co., drawers, etc.....	73	75.00
Pay roll, services.....	18	356.75	Chas. H. Ourand, drawings.....	74	22.88
Chas. H. Knight, special services.....	19	9.50	Elisba T. Jenks, hardware.....	75	102.00
Chas. Becker, paints, oil, etc.	20	28.21	Church & Stephenson, lumber.....	76	77.69
Whitall, Tatum & Co., glass jars.....	21	30.30	W. B. Moses & Sons, office furniture.....	77	48.58
Elisha T. Jenks, iron brackets.....	22	46.00	P. McIntyre, special services.....	78	9.00
Wm. H. Butler, paints, etc.	23	10.00	John C. Knipp & Bro., drawers, etc.....	79	225.00
Geo. W. Dant, special services.....	24	20.00	Harry M. Schneider, hardware, \$29.20; tools, \$3.88.....	80	33.06
Harry M. Schneider, hardware, \$19.96; office furniture, \$1.30; paints, \$14.92; tools, \$10.95.....	25	44.13	E. E. Jackson & Co., lumber.....	81	23.96
F. W. Devoe & C. T. Raynolds Co., paints.....	26	80.00	Harry M. Schneider, special services, \$95; hardware, \$16.26; tools, \$1.60; paints, oils, etc., \$21.95; leather, \$4.62.....	82	139.43
Belt & Dyer, frames, etc.....	27	5.00	Pay roll, services.....	83	542.50
W. E. Gavitt, iron brackets.....	28	45.00	Quaker City Stencil Works, hardware.....	84	23.33
Melville Lindsay, rubber goods.....	29	3.80	W. T. & F. B. Weaver, tools, 80 cents; hardware, \$1.....	85	1.80
Church & Stephenson, lumber.....	30	28.08	Belt & Dyer, lumber.....	86	11.01
A. C. Mertens, special services.....	31	30.00	Charles Becker, paints, etc.....	87	13.00
Corbett Mill and Machine Co., rubber, etc., \$7.88; apparatus, \$6.45.....	32	14.33	James B. Lambie, hardware.....	88	.25
Shoemaker & Busch, paints, etc.	33	5.72	Wm. D. Clark & Co., cloth, etc.	89	25.52
Irving Buck, cases.....	34	300.00	Melville Lindsay, rubber.....	90	54.46
Pay roll, services.....	35	449.25	C. Dorfing & Sons, glass jars.....	91	67.06
P. McIntyre, special services.....	36	3.00	W. T. Galliher & Bro., lumber.....	92	10.16
Chas. H. Knight, special services.....	37	9.75	E. E. Jackson & Co., lumber, \$138.36; drawers, \$20.....	93	158.36
J. H. Chesley & Co., hardware.....	38	31.70	J. B. Kendall, hardware.....	94	19.48
Lansburgh & Bro., cloth, etc.....	39	2.57	Belt & Dyer, special services.....	95	1.00
F. Petersen, office furniture.....	40	74.98	G. T. Matthews, special services.....	96	34.25
S. S. Shedd & Bro., special services.....	41	3.00	Randolph Paper Box Co., trays, boxes, etc.....	97	299.00
C. Dorfing & Sons, special services.....	42	27.70	Corbett Mill and Machine Co., hardware.....	98	2.48
Chas. H. Knight, special services.....	43	10.00	Doremus & Just, hardware.....	99	32.00
Geo. W. Dant, special services.....	44	14.50	Pay roll, services.....	100	641.00
Chas. H. Knight, special services.....	45	29.50	Church & Stephenson, lumber.....	101	114.23
Pay roll, services.....	46	446.50	J. H. Chesley & Co., hardware.....	102	9.38
Irving Buck, drawers, etc.	47	88.75	W. T. & F. B. Weaver, hardware.....	103	15.66
Library Bureau, office furniture.....	48	18.00	Henry McShane Manufacturing Co., hardware.....	104	3.04
Church & Stephenson, lumber.....	49	252.97	Jam s B. Lambie, hardware.....	105	3.20
Geo. A. Shehan, lumber.....	50	85.59	Eimer & Amend, glass jars.....	106	16.90
M. G. Copeland & Co., cloth, etc.	51	11.00	W. Bartholomae, glass jars.....	107	2.65
Louis Hartiz, hardware.....	52	.40	Benj. H. Shoemaker, glass.....	108	110.81
C. A. Schneider's Sons, hardware.....	53	2.16	J. B. V. Sciver & Co., office furniture.....	109	20.00
Chas. Becker, paints, oils, etc.	54	17.50	F. P. May & Co. hardware.....	110	28.36
W. B. Moses & Sons, cloth, etc.	55	4.00	Pay roll, services.....	111	695.25
W. Bartholomae, glass jars.....	56	8.50			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Harry M. Schneider, hardware, \$31.97; tools, \$1.45	112	\$33.42	F. P. May & Co., hardware	130	\$57.93
Geo. A. Shehan, lumber	113	36.00	W. H. Butler, glass, \$2; paints, \$44.57	131	46.57
Geo. F. Muth & Co., glass, \$15.00; paints, \$8.50	114	23.50	Charles Becker, paints	132	26.00
Smith, Kline & French Co., paints	115	16.58	M. W. Beveridge, glass jars	133	7.50
Francis Miller, glass	116	32.00	J. H. Chesley & Co., hardware	134	25.20
Wash. B. Williams, office furniture	117	8.00	Church & Stephenson, lumber	135	163.32
C. Dorfinger & Sons, glass jars	118	64.70	Jas. A. Nicholson & Son, cloth, etc	136	18.88
Wetherill & Bro., paints, etc	119	24.50	Harry M. Schneider, hardware, \$14.93; tools, 30 cents	137	15.23
Woodward & Lothrop, cloth, etc	120	4.80	Pay roll, services	138	521.00
W. B. Moses & Sons, office furniture	121	13.25	J. H. Chesley & Co., hardware	139	20.48
E. E. Jackson & Co., lumber	122	4.95	Barber & Ross, hardware	140	14.38
Pay roll, services	123	416.00	C. Dorfinger & Sons, glass jars	141	39.95
W. Bartholomae, glass jars	124	14.75	W. T. Gallihier & Bro., lumber	142	2.40
Harry M. Schneider, hardware	125	19.19	E. E. Jackson & Co., lumber	143	2.42
W. D. Clark & Co., cloth, etc	126	44.96	Benj. H. Shoemaker, glass	144	62.16
Wm. S. MacLeod, hardware	127	2.50			
C. Dorfinger & Sons, glass jars	128	108.50	Total disbursement		11,184.91
J. T. Walker Sons, hardware	129	1.50	Balance July 1, 1896		1,315.09

NATIONAL MUSEUM—HEATING, LIGHTING, ELECTRIC AND TELEPHONIC SERVICE,
JULY 1, 1895, TO JUNE 30, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "For expense of heating, lighting, electrical, telegraphic, and telephonic service for the National Museum."
(Sundry civil act, March 2, 1895)

\$13,000.00

Expenditures.

Salaries or compensation:

1 engineer, 12 months, at \$115	\$1,380.00
1 assistant engineer, 3 months, at \$75; 53 days, at \$75	354.27
3 firemen, 12 months, at \$50	1,800.00
1 fireman, 6 days, at \$50	9.68
1 fireman, 5½ days, at \$50	9.48
1 fireman, 1¼ days, at \$50	2.81
1 skilled laborer, 12 months, at \$75	900.00
1 skilled laborer, 6 months, at \$60	360.00
1 telephone clerk, 20 days, at \$60	38.71
1 telephone clerk, 6 days, at \$45	9.00
1 laborer, 2 months, at \$40; 24 days, at \$40; 6 days, at \$45	121.00

4,984.95

Special services

39.50

Total services

5,024.45

General expenses:

Coal and wood	\$3,202.32
Gas	1,540.63
Telephones	412.50
Electric supplies	1,482.44
Rental of call boxes	110.00
Heating supplies	167.72
Telegrams	8.61
Heating repairs	104.00
	7,028.22

Total expenditure

12,052.67

Balance July 1, 1896, to meet liabilities

947.33

HEATING AND LIGHTING, NATIONAL MUSEUM, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Pay roll, services.....	1	\$453.71	Mutual District Messenger Co., rental of call boxes.....	45	\$20.00
The Otto Gas Engine Works, electric supplies.....	2	1,424.00	Kennedy & Du Perow, electric supplies.....	46	9.65
Pay roll, services.....	3	398.06	Chesapeake & Potomac Telephone Co., telephones.....	47	275.00
Washington Gaslight Co., gas.....	4	140.25	W. S. Jenks, special services.....	48	20.00
Do.....	5	98.75	Royce & Marean, special services.....	49	8.00
Geo. W. Dant, heating repairs.....	6	104.00	Washington Gaslight Co., gas.....	50	186.25
Mutual District Messenger Co., rental of call boxes.....	7	20.00	Pay roll, services.....	51	409.48
Western Union Telegraph Co., telegrams.....	8	3.92	Jno. K. Ward, heating supplies.....	52	16.00
Royce & Marean, special services.....	9	1.00	S. S. Shedd & Bro., heating supplies.....	53	2.00
Pay roll, services.....	10	372.50	E. Howard Watch and Clock Co., electric supplies.....	54	1.50
B. F. Binnix, heating supplies.....	11	6.50	E. F. Brooks Co., heating supplies.....	55	12.00
Thomas Somerville & Sons, heating supplies.....	12	5.00	Washington Gaslight Co., gas.....	56	152.50
John H. Wilkerson, special services.....	13	5.00	Pay roll, services.....	57	400.00
Shoemaker & Busch, heating supplies.....	14	1.90	Wm. H. Baum, coal and wood.....	58	204.45
Pay roll, services.....	15	415.00	Do.....	59	16.45
Western Union Telegraph Co., telegrams.....	16	1.59	W. T. & F. B. Weaver, heating supplies.....	60	31.75
Jno. K. Ward, heating supplies.....	17	14.50	Kennedy & Du Perow, electric supplies.....	61	27.35
Washington Gaslight Co., gas.....	18	131.00	Jno. K. Ward, heating supplies.....	62	17.00
Wm. H. Baum, coal and wood.....	19	1,604.94	Charles Werner, coal and wood.....	63	9.88
Washington Gaslight Co., gas.....	20	121.75	Henry McShane Manufacturing Co., heating supplies.....	64	15.28
Geo. Connolly, services.....	21	2.81	Wm. H. Baum, coal and wood.....	65	376.00
Pay roll, services.....	22	415.00	Washington Gaslight Co., gas.....	66	165.50
S. S. Shedd & Bro., heating supplies.....	23	1.25	Mutual District Messenger Co., rental of call boxes.....	67	30.00
Wm. H. Baum, coal and wood.....	24	49.35	Western Union Telegraph Co., telegrams.....	68	1.81
Chas. Werner, coal and wood.....	25	4.94	Pay roll, services.....	69	440.00
Baker, Smith & Co., heating supplies.....	26	8.14	Geo. F. Muth & Co., heating supplies.....	70	.80
Hugh Reilly, heating supplies.....	27	6.46	Chesapeake & Potomac Telephone Co., telephones.....	71	137.50
Jno. K. Ward, electric supplies.....	28	1.12	Chas. Werner, coal and wood.....	72	4.94
The E. Howard Watch and Clock Co., electric supplies.....	29	6.00	James L. Barbour & Son, heating supplies.....	73	1.50
Mutual District Messenger Co., rental of call boxes.....	30	20.00	Shoemaker & Busch, heating supplies.....	74	1.90
Western Union Telegraph Co., telegrams.....	31	.60	Washington Gaslight Co., gas.....	75	131.00
Pay roll, services.....	32	378.71	Pay roll, services.....	76	440.00
Kennedy & Du Perow, electric supplies.....	33	12.82	Postal Telegraph Cable Co., telegrams.....	77	.69
Henry McShane Manufacturing Co., heating supplies.....	34	11.14	Washington Gaslight Co., gas.....	78	130.88
Frank Herold, services.....	35	9.68	Wm. H. Baum, coal and wood.....	79	16.45
Washington Gaslight Co., gas.....	36	151.50	Pay roll, services.....	80	450.00
Pay roll, services.....	37	400.00	Mutual District Messenger Co., rental of call boxes.....	81	20.00
Wm. H. Baum, coal and wood.....	38	16.45	J. H. Chesley & Co., heating supplies.....	82	2.00
Do.....	39	977.31			
Geo. F. Muth & Co., heating supplies.....	40	680.00			
J. H. Chesley & Co., heating supplies.....	41	5.80			
J. E. Hurley, special services.....	42	5.50			
Chas. Werner, coal and wood.....	43	21.16			
Washington Gaslight Co., gas.....	44	131.25			
			Total disbursements.....		12,052.67
			Balance July 1, 1896.....		947.33

NATIONAL MUSEUM—POSTAGE, JULY 1, 1895, TO JUNE 30, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for postage stamps and foreign postal cards for the National Museum."
(Sundry civil act, March 2, 1895)..... \$500.00

Expenditures.

City Post-Office, for stamps, etc..... \$500.00
Appropriation expended.

20 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation "Postage, National Museum, 1896," from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Washington City Post-Office, postage	1	\$500.00

NATIONAL MUSEUM—PRINTING, JULY 1, 1895, TO JUNE 30, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for the Smithsonian Institution for printing labels and blanks and for the 'Bulletins' and annual volumes of the 'Proceedings' of the National Museum, and binding scientific books and pamphlets presented to and acquired by the National Museum Library." (Sundry civil act, March 2, 1895) \$12,000.00

Expenditures.

Bulletins, National Museum, Nos. 47, 49, and special bulletins Nos. 2 and 3	\$7,036.64
Proceedings National Museum, Vol. XVIII	956.50
Reports National Museum, extras	201.62
Labels	2,685.91
Letter heads, pads, and envelopes	205.09
Blanks	423.48
Electros	9.25
Binding	388.60
Congressional Records	40.20
Total expenditure	11,947.29
Balance July 1, 1896	52.71

NATIONAL MUSEUM—RENT OF WORKSHOPS, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for rent of workshops for the National Museum." (Sundry civil act, March 2, 1895) \$900.00

Expenditures.

Rent—July 1 to May 31, 11 months, at \$75	825.00
Balance July 1, 1896	75.00

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation "rent of workshops, National Museum, 1896," from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Weaver & Bowers, rental	1	\$75.00
Do	2	300.00
Do	3	75.00
Do	4	225.00
H. L. Biscoe, rental	5	150.00
Total disbursements		825.00
Balance July 1, 1896		75.00

NATIONAL MUSEUM—BUILDING AND REPAIRS, 1896.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for repairs to buildings, shops, and sheds, National Museum, including all necessary labor and material." (Sundry civil act, March 2, 1895). \$4,000.00

Expenditures:

Services or compensation:

3 carpenters, 208 days, at \$3	\$624.00
1 painter, 1 month, at \$65	65.00
1 painter, 16 days, at \$65	33.55
14 skilled laborers, 364 days, at \$2	728.00
1 skilled laborer, 21 days, at \$1.75	36.75
3 skilled laborers, 1 month, at \$50	150.00
1 skilled laborer, 7½ days, at \$50	12.10
1 skilled laborer, 1 month, at \$52	52.00
1 skilled laborer, 24 days, at \$50, 6 days, at \$55	51.00
1 skilled laborer, 21 days, at \$1.75, 5 days, at \$2	46.75
1 laborer, 1 month, at \$41.50	41.50
3 laborers, 83 days, at \$1.50	124.50
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	1,965.15

Miscellaneous:

Granito pavement	\$600.00
Paints, oils, etc	400.23
Glass	28.00
Advertising	38.19
Lumber	9.00
Hardware	6.42
Brick, cement, charcoal	23.50
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	1,105.34

Total expenditure 3,070.49

Balance July 1, 1896, to meet liabilities 929.51

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Wetherill & Bro., paints, oils, etc	1	\$49.00	Pay roll, services	20	\$104.00
Smith, Kline & French Co., paints, oils, etc	2	16.58	Do	21	302.30
Pay roll, services	3	286.00	Washington Post Co., advertising	22	16.80
Francis Miller, paints, oils, etc	4	117.00	National Intelligence Publishing Co., advertising	23	6.89
Wm. H. Butler, paints, oils, etc	5	112.39	Washington Times Co., advertising	24	14.50
Pay roll, services	6	313.50	Barber & Ross, granite pavement	25	600.00
Do	7	130.00	Wetherill & Bro., paints, oils, etc	26	24.50
Do	8	130.00	Smith, Kline & French Co., paints, oils, etc	27	15.93
Harry M. Schneider, hardware	9	.98	W. H. Butler, paints, oils, etc	28	27.94
Pay roll, services	10	66.10	Chas. Becker, paints, oils, etc	29	26.00
Geo. F. Muth & Co., glass	11	14.00	Pay roll, services	30	431.25
J. H. Chesley & Co., brick, cement, etc	12	1.00	Shoemaker & Busch, paints, oils, etc	31	10.89
E. E. Jackson & Co., lumber	13	9.00			
Pay roll, services	14	100.00	Total disbursements		3,070.49
J. H. Chesley & Co., hardware	15	5.44			
Francis Miller, glass	16	14.00	Balance July 1, 1896		929.51
Pay roll, services	17	102.00			
W. T. Walker & Co., brick, cement, etc	18	7.50			
James H. McGill, brick, cement, etc	19	15.00			

22 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

FIRE PROTECTION, SMITHSONIAN INSTITUTION AND NATIONAL MUSEUM, 1896.

Receipts.

Appropriation by Congress for the fiscal year ending June 30, 1896, "for expenses of putting in four additional fire plugs in the Smithsonian grounds for the better protection of the Smithsonian Institution, National Museum, and Astrophysical Observatory, and the purchase of necessary fire hose." (Sundry civil act, March 2, 1895)..... \$800.00

Expenditures.

Water department, District of Columbia, "for labor and material for erecting four fire hydrants in Smithsonian grounds"..... \$646.89
Fire hose, nozzles, and couplings..... 151.40

798.29

Balance July 1, 1896..... 1.71

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Water department, District of Columbia, hydrants.....	1	\$646.89
H. J. M. Howard, fire hose, nozzles, etc.....	2	151.40
Total disbursements.....		798.29
Balance July 1, 1896.....		1.71

APPROPRIATIONS FOR PREVIOUS YEARS—PRESERVATION OF COLLECTIONS, 1895.

Balance July 1, 1895, as per last annual report..... \$4,950.88

Expenditures, July 1, 1895, to June 30, 1896.

Special or contract services..... \$688.09
Supplies..... 907.09
Stationery..... 264.88
Specimens..... 999.33
Books and periodicals..... 1,518.14
Travel..... 90.61
Freight and cartage..... 445.93

Total expenditure, July 1, 1895, to June 30, 1896..... 4,908.57

Balance July 1, 1896..... 42.31

Total expenditure of the appropriation for preservation of collections, 1895.

Appropriation..... \$143,000.00

Expenditures:

Salaries or compensation..... \$126,142.26
Special or contract work..... 4,064.33

Total services..... 130,206.59
Supplies..... 8,183.65
Stationery..... 1,078.00
Specimens..... 8,366.47
Travel..... 676.25
Freight..... 1,915.91
Books..... 2,532.82

Total expenditure..... 142,957.69

Balance July 1, 1896..... 42.31

APPROPRIATION, PRESERVATION OF COLLECTIONS—NATIONAL MUSEUM, 1895.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Mutual District Messenger Co., special services	450	\$1.40	Spencer B. Nichols, special services	511	\$12.50
United States Express Co., freight	451	56.69	W. H. Lowdermilk & Co., books	512	125.00
Adams Express Co., freight	452	39.07	Geological Society of America, books	513	5.00
Geo. W. Knox Express Co., freight	453	119.16	Macmillan & Co., books	514	3.00
A. L. Marschalk, supplies	454	4.90	W. N. Suksdorf, specimens	515	9.52
Wyckoff, Seamans & Benedict, special services, \$112.41; stationery, \$6; supplies, \$2	455	120.41	Herdie Phaeton Co., special services	516	7.50
R. Carter Ballantyne, stationery	456	27.08	United States Express Co., freight	517	11.33
Z. D. Gilman, supplies	457	6.10	Dexter & Co., special services	518	4.38
Edw. P. Mertz, supplies	458	3.75	Franklin & Co., supplies	519	2.50
India Alkali Works, supplies	459	19.50	Emmons S. Smith, supplies	520	.72
W. H. Veerhoff, supplies	460	12.00	R. Friedlander & Sohn, books	521	151.02
Willis & Clements, supplies	461	18.00	Wm. Wesley & Son, books	522	187.73
James S. Topham, supplies	462	1.00	C. Reinwald & Co., books	523	72.20
Draper Manufacturing Co., supplies	463	3.18	Karl W. Hiersemann, books, \$137.44; specimens, \$19.46	524	156.90
Wm. Wagner, supplies	464	2.32	W. H. Chandlee, special services	525	62.50
Bausch & Lomb Optical Co., supplies	465	9.16	E. Morrison Paper Co., stationery, \$146.10; supplies, \$107.27	526	253.37
M. A. Tappan, supplies	466	7.00	Wyckoff, Seamans & Benedict, supplies, \$90; stationery, \$1	527	91.00
E. J. Pullman, supplies	467	58.94	Stephenson's Express, freight	528	1.85
Jno. C. Parker, supplies	468	16.90	The Robt. Clarke Co., books	529	4.00
F. A. Tschiffely, jr., supplies	469	.92	The Hygienic Ice Co., supplies	530	36.90
Chas. H. Worthen, specimens	470	42.59	M. W. Beveridge, supplies	531	2.05
Herdie Phaeton Co., special services	471	6.45	L. H. Schneider's Son, supplies	532	1.75
S. E. Cassino, books	472	5.20	Jas. L. Barbour & Son, supplies	533	.30
J. W. Bnton, books	473	23.00	Shoemaker & Busch, supplies	534	161.58
New York Engraving and Printing Co., special services	474	16.80	Eastman Kodak Co., supplies	535	18.38
Geo. N. Rider, books	475	6.00	Ward's Natural Science Establishment, supplies	536	22.96
Columbia Phonograph Co., special services	476	140.25	Easton & Rupp, stationery	537	23.09
Washington Post Co., supplies	477	7.20	W. C. Newton & Co., supplies, \$10.97; special services, \$2.25	538	13.22
Rufus H. Darby, supplies	478	2.52	Bausch & Lomb Optical Co., supplies	539	2.00
C. B. Grannaway, specimens	479	5.00	M. G. Copeland & Co., supplies	540	1.00
New York Entomological Society, books	480	6.00	W. M. Galt & Co., supplies	541	.86
S. H. Chadbourne, books	481	.75	Chas. Fischer, supplies	542	2.75
Hygienic Ice Co., supplies	482	86.49	H. C. Davison & Co., stationery	543	48.00
M. Payne, special services	483	18.00	Willis & Clements, supplies	544	18.50
M. J. Scollick, special services	484	30.00	Geo. F. Muth & Co., supplies	545	12.65
Anna E. Frazer, specimens	485	2.00	Lansburgh & Bro., supplies	546	1.25
Alaska Commercial Co., freight	486	2.50	Jas. H. McGill, supplies	547	3.50
Pennsylvania R. R. Co., freight	487	1.77	Geo. W. Knox Express Co., freight	548	60.29
Thos. Wilson, special services	488	6.50	People's Dispatch Co., freight	549	13.29
Wm. Evarts Benjamin, specimens	489	10.55	Adams Express Co., freight	550	11.30
J. H. Camp, specimens	490	184.10	Chas. L. Woodward, books	551	20.70
Wm. Palmer, travel	491	67.60	R. C. Ballantyne, stationery	552	13.11
C. G. Van Hook, special services	492	16.00	Z. D. Gilman, supplies	553	1.30
J. H. Chesley & Co., supplies	493	4.44	T. W. Lord, specimens	554	10.00
People's Dispatch Co., freight	494	5.36	Gustav E. Stechert, books	555	114.20
American Press Information Bureau, books	495	10.00	Rand, McNally & Co., books	556	18.50
Leggatt Bros., books	496	30.47	American Press Information Bureau, books	557	5.00
Dexter & Co., special services	497	10.19	James Storrs, specimens	558	1.00
E. T. Cresson, books	498	2.00	Franklin & Co., supplies	559	.25
Geo. F. Muth & Co., supplies	499	4.00	W. H. Lowdermilk & Co., books	560	1.15
New York, New Haven and Hartford R. R. Co., travel	500	8.75	Air Brush Manufacturing Co., special services	561	2.00
F. P. May & Co., supplies	501	20.40	Ginn & Co., books	562	1.87
Wm. H. Butler, supplies	502	.75	W. O. Crosby, specimens	563	33.00
Edw. S. Schmid, specimens	503	6.00	Columbia Phonograph Co., special services	564	42.50
Daniel Appleton & Co., books	504	2.25	Franz Boas, books	565	50.00
K. J. Bush, special services	505	52.00	F. M. Morris, books	566	5.00
A. M. Rickley, specimens	506	10.00	Eastman Kodak Co., special services	567	39.91
H. H. & C. S. Brimley, specimens	507	.60	Bates Manufacturing Co., supplies	568	5.00
Clark Bros., specimens	508	\$55.00	Ward's Natural Science Establishment, specimens	569	31.00
A. E. McConnell, special services	509	78.00			
Lawrence M. Lamb, books	510	6.43			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
W. H. Lowdermilk & Co., books.	570	\$5.75	Wm. Wesley & Son., books.	602	\$7.80
Leggat Bros., books.	571	1.80.	Emile Deyrolle, specimens	603	6.00
S. Springmann, freight.	572	.50	Franck L. Ourand, special serv-		
Karl W. Hiersemann, books.	573	7.64	ices	604	21.55
R. Friedlander & Sohn, books.	574	54.12	W. H. Lowdermilk & Co., books.	605	10.00
Wm. Wesley & Son, books.	575	75.56	Union Pacific R. R., freight	605 a	2.72
Ulrico Hoepli, books.	576	2.75	Do.	605 b	21.10
Do.	577	10.50	Do.	605 c	1.20
Palmer, Howe & Co., specimens.	578	7.76	Do.	605 d	2.79
T. R. Sorin, specimens.	579	15.00	Southern Pacific R. R., freight.	605 e	24.70
Hjalmar Lundbohm, specimens.	580	10.20	Do.	605 f	1.89
Geo. W. Knox Express Co., freight	581	.25	Do.	605 g	4.78
S. Raymond Roberts, books.	582	10.00	Do.	605 h	.38
E. W. Nelson, specimens.	583	20.00	Do.	605 i	.98
Ward's Natural Science Estab-			Do.	605 j	1.37
lishment, specimens.	584	97.00	Southern California R. R.		
Karl W. Hiersemann, books.	585	41.22	freight.	605 k	1.82
Wm. Wesley & Son, books.			J. M. Wiley, travel.	606	14.26
\$76.72; specimens, \$55.24; sup-			Karl W. Hiersemann, books.	607	.36
plies, \$61.66	586	193.82	S. Dannefaerd, specimens	608	55.02
Chas. L. Woodward, books.	587	23.18	Gustav E. Stechert, books.	609	49.65
F. P. May & Co., supplies.	588	16.50	O. Staudinger & A. Bang-Haas,		
W. H. Lowdermilk & Co., books.	589	12.50	specimens	610	3.65
Wm. Everts Benjamin, speci-			R. Friedlander & Sohn, books.	611	2.61
mens.	590	2.00	Do.	612	1.21
Richard Kny & Co.	591	298.25	Chicago, Rock Island and Pa-		
Macmillan & Co., specimens.	592	3.83	cific R. R. freight.	612 a	.61
C. Reinwald & Co., books.	593	3.72	Wm. Wesley & Son, books.	613	30.22
B. F. Stevens, specimens.	594	4.97	S. E. Cassino, books.	614	2.08
Wilh. Schluter, specimens.	595	.59	G. E. Stechert, books.	615	89.40
Brentano's, books.	596	1.40	United States Express Co.,		
Jno. P. Morton & Co., books.	597	2.50	freight.	616	3.00
Baltimore and Ohio R. R. Co., freight	598	5.96	Geo. W. Knox Express Co.,		
W. C. Newton & Co., supplies.	599	14.97	freight.	616 a	49.27
Library Bureau, supplies.	600	17.85	Total disbursements.		4,908.57
Publisher of Science, books.	601	1.64	Balance July 1, 1896.		42.31

PRESERVATION OF COLLECTIONS, 1894.

Balance July 1, 1895, as per last annual report..... \$235.27

Expenditures.

Specimens..... \$13.50
Freight..... 12.14
Books..... 202.23

Total expenditure..... 227.87

Balance July 1, 1896..... 7.40

Total expenditure of the appropriation for preservation of collections, 1894.

Appropriation..... \$132,500.00

Expenditures:

Salaries or compensation..... \$118,406.94
Special or contract work..... 2,242.32

Total salaries..... 120,649.26

Supplies..... 2,856.36

Stationery..... 496.05

Specimens..... 3,824.24

Travel..... 572.30

Freight..... 3,129.48

Books..... 1,464.91

Total expenditure..... 182,492.60

Balance carried, under the provisions of Revised Statutes, section 3090, by the Treasury Department to the credit of the surplus fund, June 30, 1896.....

7.40

PRESERVATION OF COLLECTIONS, NATIONAL MUSEUM, 1894.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Alaska Commercial Co., freight.	514	\$6.75	Missouri Pacific R.R. Co., freight	522a	\$1.93
Wm. Evarts Benjamin, specimens.	515	13.50	Chicago, Rock Island and Pacific R. R. Co., freight.	522b	1.90
R. Friedlander & Sohn, books.	516	89.56	Do	522c	1.16
Wm. Wesley & Son, books.	517	1.66	Do	522d	.40
C. Reinwald & Co., books.	518	2.69			
Karl W. Hiersemann, books.	519	85.74	Total disbursements.		227.87
Do	520	3.62			
Gustav E. Stechert, books.	521	17.00	Balance carried to surplus fund,		
K. W. Hiersemann, books.	522	1.96	Treasury Department.		7.40

FURNITURE AND FIXTURES, 1895.

Balance July 1, 1895, as per last annual report \$697.43

Expenditures.

Special services	\$7.00
Miscellaneous:	
Drawers, trays, boxes	7.00
Frames, stands, etc	1.25
Glass	1.25
Hardware	37.69
Tools	1.10
Cloth, cotton, etc	97.78
Glass jars	106.57
Lumber	143.36
Paints, oil, etc	38.24
Office furniture	241.03
Metals	6.24
Rubber and leather	5.79
Apparatus and chemicals	2.60
Total expenditure	696.90
Balance July 1, 1896	.53

Total expenditure of the appropriation for furniture and fixtures, 1895.

Appropriation	\$10,000.00
Salaries or compensation	\$5,609.20
Special contract work	93.13
Total services	5,702.33
Drawings	91.25
Drawers, trays, boxes	678.79
Frames, stands, etc	68.25
Glass	47.15
Hardware	547.99
Tools	64.79
Cloth, cotton, etc	117.78
Glass jars	354.89
Lumber	1,251.58
Paints, oils	488.38
Office furniture	363.76
Metals	53.40
Rubber and leather	24.59
Iron brackets	141.94
Apparatus and chemicals	2.60
Total expenditure	9,999.47
Balance July 1, 1896	.53

APPROPRIATION, FURNITURE AND FIXTURES, NATIONAL MUSEUM,
1895.*Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.*

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
W. A. Pate, metals.....	103	\$6.24	Barber & Ross, woodwork.....	120	\$1.25
J. H. Chesley & Co., hardware, \$3.50; tools, \$1.10; apparatus, 65 cents.....	104	5.25	Melville Lindsay, rubber goods.....	121	1.29
Chas. H. Knight, special serv- ices.....	105	7.00	M. W. Beveridge, rubber goods.....	122	3.00
Geo. F. Muth & Co., paints.....	106	3.20	L. H. Schneider's Son, hard- ware.....	123	2.10
Smith, Kline & French Co., paints.....	107	26.85	Geo. F. Muth & Co., glass, \$1.25; paints, \$2.35.....	124	3.60
L. H. Schneider's Son, hard- ware, \$7.90; office furniture, \$2.....	108	9.90	Lansburgh & Bro., cloth.....	125	6.00
Jno. H. Ward, leather.....	109	1.50	Julius Lansburgh Furniture and Carpet Co., hardware.....	126	3.00
C. Dorflinger & Sons, glass jars.....	110	106.57	Henry McShane Manufactur- ing Co., hardware.....	127	2.00
F. P. May & Co., hardware.....	111	5.64	F. P. May & Co., hardware.....	128	.53
Wm. H. Butler, paints.....	112	5.84	Corbett Mill and Machine Co., apparatus.....	129	1.95
New Jersey School-Church Furniture Co., office furniture.....	113	21.03	Jno. C. Knipp & Bro., office fur- niture.....	130	125.00
Church & Stephenson, lumber.....	114	143.33	J. H. Chesley & Co., hardware.....	131	7.02
Alex Schmid, boxes.....	115	5.00			
Chas. T. Carter & Co., hardware.....	116	6.00	Total disbursement.....		696.90
Wm. Wesley & Son, cloth, etc.....	117	91.78			
Wm. T. Duvall, boxes.....	118	2.00	Balance July 1, 1896.....		.53
G. Winneberger & Son, office furniture.....	119	93.00			

FURNITURE AND FIXTURES, 1894.

Balance July 1, 1895, as per last annual report..... \$0.09

Balance carried, under the provisions of Revised Statutes, section 3090, by the
Treasury Department to the credit of the surplus fund, June 30, 1896.

HEATING, LIGHTING, ELECTRIC, AND TELEPHONIC SERVICE, 1895.

Balance July 1, 1895, as per last annual report..... \$1,445.07

Expenditures.

Special services.....	\$6.25
General expenses:	
Coal and wood.....	7.76
Gas.....	101.25
Telephones.....	158.45
Electric supplies.....	1,114.82
Rental of call boxes.....	30.00
Heating supplies.....	18.99
Telegrams.....	6.40
Total expenditure.....	1,443.92
Balance July 1, 1896.....	1.15

Total expenditure of the appropriation for heating, lighting, etc., 1895.

Appropriation.....	\$13,000.00
Expenditures:	
Salaries.....	\$6,177.43
Special services.....	57.50
Total services.....	6,234.93

Total expenditure of the appropriation for heating, lighting, etc., 1895—Cont'd.

General expenses:

Coal and wood.....	\$2,799.66
Gas.....	1,557.13
Telephones.....	602.45
Electric supplies.....	1,325.57
Rental of call boxes.....	120.00
Heating supplies.....	346.40
Telegrams.....	12.71

Total expenditure..... \$12,998.85

Balance July 1, 1896..... 1.15

APPROPRIATION, HEATING AND LIGHTING, NATIONAL MUSEUM, 1895.

Abstract of disbursements made by William W. Karr, disbursing clerk Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Mutual District Messenger Co., rental of call boxes.....	78	\$20.00	Henry McShane Manufacturing Co., heating supplies.....	90	\$6.94
Chas. Werner, coal and wood.....	79	7.76	Z. D. Gilman, electric supplies.....	91	2.34
Geo. F. Muth & Co., heating supplies.....	80	1.50	Kennedy & Du Perow, electric supplies.....	92	76.10
Kennedy & Du Perow, electric supplies.....	81	9.30	Western Union Telegraph Co., telegrams.....	93	.30
Henry McShane Manufacturing Co., heating supplies.....	82	5.50	Royce & Marean, electric supplies.....	94	.75
Western Union Telegraph Co., telegrams.....	83	6.10	Mutual District Messenger Co., rental of call boxes.....	95	10.00
Washington Gaslight Co., gas.....	84	101.25	Chesapeake and Potomac Telephone Co., telephones.....	96	158.45
The Otto Gas Engine Co., electric supplies.....	85	850.00	Royce & Marean, electric supplies.....	97	12.50
Royce & Marean, electric supplies, \$5.65; special services, \$6.25.....	86	11.90	Kennedy & Du Perow, electric supplies.....	98	116.18
L. H. Schneider's Son, heating supplies.....	87	3.25	Total disbursements.....		1,443.92
Jas. L. Barbour & Son, heating supplies.....	88	1.80	Balance July 1, 1896.....		1.15
Kennedy & Du Perow, electric supplies.....	89	42.00			

HEATING, LIGHTING, ETC., 1894.

Balance July 1, 1895, as per last annual report..... \$0.76

Balance carried, under the provisions of Revised Statutes, section 3090, by the Treasury Department to the credit of the surplus fund, June 30, 1896.

NATIONAL MUSEUM—BUILDING, REPAIRS, 1895.

Balance, as per last annual report..... \$13.29

Expenditures.

Advertising proposals..... 8.51

Balance July 1, 1896..... 4.78

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Washington News Publishing Company, advertising.....	28	\$8.51
Balance July 1, 1896.....		4.78

28 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

NATIONAL MUSEUM—RENT OF WORKSHOPS, 1895.

Balance, as per last annual report \$52.54

Expenditures.

Rent 40.00

Balance July 1, 1896 12.54

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	No. of voucher.	Amount.
Wever & Bowers, rental.....	22	\$40.00
Balance July 1, 1896.....		12.54

ASTROPHYSICAL OBSERVATORY—SMITHSONIAN INSTITUTION, 1896.

Receipts.

Appropriation by Congress "for maintenance of Astrophysical Observatory under the direction of the Smithsonian Institution, including salaries of assistants, apparatus, and miscellaneous expenses." (Sunday civil act, March 2, 1895) \$9,000.00

Disbursements from July 1, 1895, to June 30, 1896.

Salaries or compensation:

1 aid, { 6 months, at \$125	\$750.00
{ 4 months, 7 days, at \$100	422.58
1 assistant, { 10½ months, at \$100	1,050.00
{ 27 days, at \$100	88.06
{ 6 days, at 133.34	26.67
1 junior assistant, { 11 months 9 days, at \$83.33	983.29
{ 8 days, at \$100	20.00
1 clerk, 1 month, at \$100	100.00
1 clerk, 5 months 6 days, at \$80	311.61
1 instrument maker, { 6 months, at \$65	390.00
{ 121½ days, at \$65	290.08
1 instrument maker, 51½ days, at \$3.50	179.38
1 clerk, { 2 months, at \$35	70.00
{ 2 months, at \$40	80.00
1 computer, 2 months, 6 days, at \$50	110.00
1 machinist, ½ month, at \$88.33	41.67
1 machinist, 1½ days, at \$3	4.88
1 steam fitter, ½ day, at \$3	2.25
1 steam fitter, 5 days, at \$3	15.00
1 carpenter, 30 days, at \$3	90.00
1 carpenter, 20½ days, at \$3	62.25
1 carpenter, 27½ days, at \$3	82.50
1 carpenter, 18½ days, at \$3	55.50
1 skilled laborer, 7½ days, at \$2.50	17.82
1 laborer, ½ day, at \$2	1.50
1 laborer, 24½ days, at \$1.50	366.75
1 laborer, 4 days, at \$1.50	6.00
1 cleaner, 2½ days, at \$1	2.50

Total salaries or compensation 5,620.29

General expenses:

Apparatus	\$1,233.60
Books and binding	54.89
Building	9.00
Castings	26.33
Freight	47.53

Disbursements from July 1, 1895, to June 30, 1896—Continued.

General expenses—Continued.

Heating apparatus.....	\$330.81
Illustrations.....	20.00
Lumber.....	90.52
Office furniture.....	9.00
Postage and telegraph.....	5.18
Stationery.....	19.02
Supplies.....	718.63
Traveling expenses.....	116.95
	<u>\$2,681.46</u>

Total disbursements \$8,301.75

Balance July 1, 1896 698.25

ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Pay roll, services.....	1	\$166.66	Superintendent of mint, supplies.....	49	\$31.20
Kennedy & Du Perow, supplies.....	2	12.50	J. Carbutt, supplies.....	50	25.50
Pay roll, services.....	3	163.52	Geo. A. Shehan, lumber.....	51	12.10
C. G. Abbot, services.....	4	58.06	Z. D. Gilman, supplies.....	52	6.20
E. J. Pullman, supplies.....	5	1.50	W. & L. E. Gurley, supplies.....	53	5.00
Pay roll, services.....	6	216.66	A. W. Ward, supplies.....	54	7.00
W. H. Veerhoff, supplies.....	7	.77	Jno. K. Ward, supplies.....	55	3.83
Pay roll, services.....	8	204.09	Pay roll, services.....	56	291.16
Royce & Marean, supplies.....	9	7.50	B. C. Perkins, services.....	57	22.50
Geo. Maier, books.....	10	12.50	Faneuil Watch Tool Co., apparatus.....	58	16.20
M. E. Kahler, apparatus.....	11	2.00	Washington Gaslight Co., gas.....	59	30.25
Z. D. Gilman, supplies.....	12	7.50	Tiffany & Co., apparatus.....	60	7.50
R. Carter Ballantyne, stationery.....	13	.69	Adams Express Co., freight.....	61	4.45
Henry H. Brown, supplies.....	14	3.66	United States Express Co., freight.....	62	2.90
Jouvenal Smith, services.....	15	2.00	People's Dispatch Co., freight.....	63	.46
Washington Gaslight Co., gas.....	16	.25	Jas. B. Lambie, supplies.....	64	19.70
Gustav E. Stechert, books.....	17	15.13	Henry H. Brown, apparatus.....	65	9.50
L. H. Schneider's Son, supplies.....	18	.60	B. C. Perkins, services.....	66	40.50
Eastman Kodak Co., supplies.....	19	2.35	Pay roll, services.....	67	236.67
Do.....	20	4.14	Montgomery & Co., supplies.....	68	75.41
Pay roll, services.....	21	226.16	Queen & Co., apparatus.....	69	2.48
Adams Express Co., freight.....	22	.80	B. C. Perkins, services.....	70	53.75
Pay roll, services.....	23	203.00	Pay roll, services.....	71	254.05
Do.....	24	227.16	Do.....	72	213.82
M. E. Kahler, supplies.....	25	8.00	Z. D. Gilman, supplies.....	73	8.20
Electric Storage Battery Co., supplies.....	26	7.50	Wm. G. Johnston & Co., supplies.....	74	12.50
Do.....	27	12.00	W. B. Moses & Sons, supplies.....	75	2.00
Geo. F. Muth & Co., supplies.....	28	.75	Henry H. Brown, supplies.....	76	2.62
R. Carter Ballantyne, supplies.....	29	1.55	J. H. Chesley & Co., supplies.....	77	1.15
Z. D. Gilman, supplies.....	30	10.09	Geo. T. Ennis, castings.....	78	13.80
Eastman Kodak Co., supplies.....	31	23.10	E. Hawkins, services.....	79	6.00
Henry H. Brown, supplies.....	32	4.80	Pay roll, services.....	80	192.16
Royce & Marean, apparatus.....	33	.45	A. L. Young, services.....	81	2.25
Montgomery & Co., apparatus.....	34	1.78	H. Lomax, services.....	82	1.50
E. J. Pullman, supplies.....	35	1.83	Clafin Optical Co., supplies.....	83	6.90
Western Union Telegraph Co., telegram.....	36	.24	M. E. Kahler, apparatus.....	84	5.75
S. P. Langley, traveling expenses.....	37	116.95	J. Carbutt, supplies.....	85	76.32
Woodward & Lothrop, supplies.....	38	1.34	Alfred F. Moore, supplies.....	86	4.90
Washington Gaslight Co., gas.....	39	82.50	Geo. T. Ennis, castings.....	87	11.03
Z. D. Gilman, supplies.....	40	.45	Jno. A. Brashear, apparatus.....	88	501.25
E. J. Pullman, supplies.....	41	3.80	B. F. Stevens, books.....	89	3.46
W. H. Veerhoff, supplies.....	42	.80	Monier, Seitert & Pommeret, supplies.....	90	28.52
Geo. Maier, binding.....	43	3.90	Chas. E. Allison, services.....	91	15.00
Woodward & Lothrop, supplies.....	44	.75	Pay roll, services.....	92	228.43
R. Carter Ballantyne, supplies.....	45	.69	W. T. & F. B. Weaver, supplies.....	93	31.44
Wm. Wesley & Son, apparatus.....	46	153.44	Geo. F. Muth & Co., apparatus.....	94	2.93
Henry McShane Manufacturing Co., supplies.....	47	9.48	Henry H. Brown, supplies.....	95	3.15
Pay roll, services.....	48	293.07			

30 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
R. Carter Ballantyne, supplies.....	96	\$2.78	Royce & Marean, supplies.....	141	\$2.75
W. H. Butler, supplies.....	97	3.95	Warner & Swasey, apparatus.....	142	18.82
Z. D. Gilman, supplies.....	98	2.30	W. T. & F. B. Weaver, supplies.....	143	17.87
Wm. G. Johnston & Co., books.....	99	5.50	Pay roll, services.....	144	193.87
W. H. Veerhoff, supplies.....	100	1.25	Montgomery & Co., apparatus.....	145	2.29
M. A. Tappan, supplies.....	101	2.25	J. T. Walker's Sons, supplies.....	146	2.70
James B. Lambie, supplies.....	102	20.63	Western Electric Co., supplies.....	147	28.50
Henry McShane Manufacturing Co., supplies.....	103	1.88	R. M. Harrover, supplies.....	148	14.00
Royce & Marean, supplies.....	104	18.85	Keuffel & Esser, apparatus.....	149	15.30
New York Engraving and Printing Co., engravings.....	105	20.00	Warner & Swasey, apparatus.....	150	4.00
United States Express Co., freight.....	106	3.96	E. E. Jackson & Co., lumber.....	151	2.85
M. A. Seed Dry Plate Co., supplies.....	107	13.88	Western Union Telegraph Co., telegrams.....	152	2.63
B. C. Perkins, services.....	108	33.75	G. Secretan, apparatus.....	153	5.50
S. Gregg, services.....	109	13.50	Washington Gaslight Co., gas.....	154	36.75
Pay roll, services.....	110	139.16	Western Union Telegraph Co., telegrams.....	155	1.69
Geo. W. Knox Express Co., freight.....	111	.99	Pay roll, services.....	156	182.55
Williamson Bros., supplies.....	112	272.00	R. C. Child, services.....	157	22.58
Akron Electric Manufacturing Co., apparatus.....	113	33.00	Pay roll, services.....	158	250.41
Thomas Somerville & Sons, supplies.....	114	7.80	Adams Express Co., freight.....	159	5.15
Adams Express Co., freight.....	115	10.75	Geo. W. Knox Express Co., freight.....	160	.75
Wm. W. Donaldson, apparatus.....	116	107.10	Poole Brothers, supplies.....	161	3.50
L. H. Schneider's Son, supplies.....	117	1.35	Pay roll, services.....	162	263.42
Gustav E. Stechert, books.....	118	3.90	Do.....	163	219.16
People's Dispatch Co., freight.....	119	.62	E. Morrison Paper Co., supplies.....	164	.72
Washington Gaslight Co., gas.....	120	31.75	J. Carbutt, supplies.....	165	39.75
Western Union Telegraph Co., telegrams.....	121	.62	Kennedy & Du Perow, supplies.....	166	3.00
Jno. H. Wilkerson, heating.....	122	5.00	Z. D. Gilman, supplies.....	167	7.91
Z. D. Gilman, supplies.....	123	1.90	W. H. Veerhoff, supplies.....	168	1.34
United States Express Co., freight.....	124	1.40	J. H. Chesley & Co., supplies.....	169	2.68
Adams Express Co., freight.....	125	3.65	Jno. A. Brashear, apparatus.....	170	203.28
Geo. W. Knox Express Co., freight.....	126	10.20	W. B. Moses & Sons, furniture.....	171	9.00
Pay roll, services.....	127	264.88	Washington Gaslight Co., gas.....	172	.75
J. H. Chesley & Co., supplies.....	128	5.17	Do.....	173	40.50
Church & Stephenson, lumber.....	129	10.80	W. Grunow, apparatus.....	174	22.50
W. H. Veerhoff, supplies.....	130	.25	Pay roll, services.....	175	224.88
Doremus & Just, supplies.....	131	.75	E. J. Pullman, supplies.....	176	2.60
St. T. Ennis, castings.....	132	1.50	Eastman Kodak Co., supplies.....	177	1.10
W. & L. E. Gurley, supplies.....	133	2.50	M. E. Kahler, apparatus.....	178	4.00
James B. Lambie, supplies.....	134	8.10	Jas. B. Lambie, supplies.....	179	7.49
Melville Lindsay, supplies.....	135	1.25	Adams Express Co., freight.....	180	1.45
Wm. G. Johnston & Co., books.....	136	5.50	E. Guterman, services.....	181	10.00
Queen & Co., supplies.....	137	3.00	Pay roll, services.....	182	253.16
John K. Ward, supplies.....	138	4.50	Do.....	183	264.17
M. E. Kahler, apparatus.....	139	2.50	Monier, Seitert & Pommeret, supplies.....	184	32.81
Church & Stephenson, lumber.....	140	57.18	Church & Stephenson, lumber.....	185	7.59
			Total disbursements.....		8,301.75
			Balance July 1, 1896.....		698.25

ASTROPHYSICAL OBSERVATORY, 1895.

Balance July 1, 1895, as per last report..... \$1,585.01

Disbursements, July 1, 1895, to June 30, 1896.

General expenses:

Apparatus.....	\$981.41
Books.....	47.56
Building.....	9.80
Freight.....	16.23
Heating apparatus.....	270.00
Lumber.....	1.08
Postage and telegraph.....	2.48
Supplies.....	284.43
Traveling expenses.....	17.60

1,580.59

Balance July 1, 1896.....

4.42

APPROPRIATION, ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION, 1895.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
W. C. Winlock, traveling expenses.....	165	\$17.60	J. A. Brashear, apparatus.....	180	\$238.95
United States Express Co., freight.....	166	4.45	Gustav E. Stechert, books.....	181	44.09
Adams Express Co., freight.....	167	9.40	L. H. Schneider's Son, supplies.....	182	5.90
Geo. W. Knox Express Co., freight.....	168	.88	Monier, Seitert & Pommeret, supplies.....	183	58.90
M. E. Kahler, apparatus.....	169	3.00	Wm. Wesley & Son, apparatus.....	184	93.44
Adams Express Co., freight.....	170	1.50	M. E. Kahler, apparatus.....	185	5.80
Chas. H. Knight, building.....	171	9.80	Monier, Seitert & Pommeret, supplies.....	186	29.63
Monier, Seitert & Pommeret, supplies.....	172	153.78	B. F. Sturtevant & Co., heating apparatus.....	187	270.00
Western Union Telegraph Co., postage and telegrams.....	173	2.48	B. F. Stevens, books.....	188	3.47
Church & Stephenson, lumber.....	174	1.08	E. G. Willyoung & Co., apparatus.....	189	118.64
Wilmarth & Edmonston, supplies.....	175	.92	Jno. A. Brashear, apparatus.....	190	476.95
J. T. Walker's Sons, supplies.....	176	.90	Total disbursements.....		1,580.59
Royce & Marean, supplies.....	177	2.40	Balance July 1, 1896.....		4.42
Montgomery & Co., apparatus.....	178	4.63			
Washington Gaslight Co., supplies.....	179	32.00			

ASTROPHYSICAL OBSERVATORY, 1891.

Balance July 1, 1895, as per last report \$9.02

Disbursements, July 1, 1895, to June 30, 1896.

General expenses, apparatus..... 2.75

Balance carried under the provisions of the Revised Statutes, section 3090, by the Treasury Department to the credit of the surplus fund June 30, 1896..... 6.27

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
Hill, Clarke & Co., apparatus.....	184	\$2.75
Balance carried to credit of surplus fund, Treasury Department.....		6.27

NATIONAL ZOOLOGICAL PARK, 1896.

Appropriation by Congress "for continuing the construction of roads, walks, bridges, water supply, sewerage, and drainage, and for grading, planting, and otherwise improving the grounds, erecting and repairing buildings and inclosures for animals, and for administrative purposes, care, subsistence, and transportation of animals, including salaries or compensation of all necessary employees, and general incidental expenses not otherwise provided for, fifty-five thousand dollars, one-half of which sum shall be paid from the revenues of the District of Columbia and the other half from the Treasury of the United States, and of the sum hereby appropriated five thousand dollars shall be used toward the construction of a road from the Holt Mansion entrance (on Adams' Mill road) into the park to connect with the roads now in existence, including a bridge across Rock Creek." (Sundry civil act, March 2, 1895)..... \$55,000.00

*Disbursements, July 1, 1895, to June 30, 1896.***Salaries or compensation:**

1 superintendent, 12 months, at \$208.33	\$2,499.96
1 property clerk, 12 months, at \$125	1,500.00
1 clerk, 12 months, at \$60	720.00
1 messenger, { 6 months, at \$40	240.00
{ 6 months, at \$50	300.00
1 foreman, 12 months, at \$75	900.00
1 assistant foreman, 11 months, at \$60	660.00
1 head keeper, { 11½ months, at \$83.33	958.29
{ 9 days, at \$83.33	25.00
{ 6 days, at \$100	20.00
{ 11½ months, at \$50	575.00
1 underkeeper, { 9 days, at \$50	15.00
{ 6 days, at \$60	12.00
{ 11½ months, at \$50	575.00
1 underkeeper, { 9 days, at \$50	15.00
{ 6 days, at \$60	12.00
{ 11½ months, at \$50	575.00
1 underkeeper, { 9 days, at \$50	15.00
{ 6 days, at \$60	12.00
{ 11 months, at \$50	550.00
1 underkeeper, { 21 days, at \$50	34.35
{ 6 days, at \$2	12.00
{ 11½ months, at \$50	575.00
1 underkeeper, { 9 days, at \$50	15.00
{ 6 days, at \$60	12.00
1 keeper, 10 months, at \$75	750.00
1 blacksmith, 12 months, at \$75	900.00
1 assistant blacksmith, 12 months, at \$60	720.00
1 carpenter, 12 months, at \$75	900.00
1 engineer, { 8½ months, at \$50	175.00
{ 1 day, at \$50	1.61
1 stenographer, 12 months, at \$62.50	750.00
1 copyist, 3½ days, at \$50	5.88
1 attendant, { 11½ months, at \$15	172.50
{ 9 days, at \$15	4.50
{ 6 days, at \$20	4.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$60	720.00
1 watchman, 3 months, at \$50	150.00
1 night watchman, 12 months, at \$50	600.00
1 laborer, { 11 months, at \$45	495.00
{ 9 days, at \$45	13.50
{ 6 days, at \$50	10.00
1 laborer, { 2 months, at \$45	90.00
{ 6 months, at \$50	300.00
1 laborer, 12 months, at \$50	600.00
1 laborer, 12 months, at \$50	600.00
1 laborer, 12 months, at \$50	600.00
1 laborer, 11½ months, at \$50	575.00
1 laborer, 12 months, at \$35	420.00
1 laborer, { 4 months, at \$50	200.00
{ 15 days, at \$50	24.57
1 laborer, 6 days, at \$60	12.00

Total salaries or compensation

\$21, 82

Miscellaneous:

Buildings	158.46
Building material	1,042.88
Fencing and cage material	3,779.16
Food	5,686.31
Freight and transportation	651.68
Fuel	614.73
Lumber	878.27
Machinery, tools, etc	442.49
Miscellaneous supplies	1,386.57

Disbursements, July 1, 1895, to June 30, 1896—Continued.

Miscellaneous—Continued.

Paints, oils, glass.....	\$237.37
Postage, telephones, and telegraph.....	182.12
Road material and grading.....	721.22
Surveying, plans, etc.....	1,127.50
Stationery, books, printing, etc.....	236.41
Trees, plants, etc.....	514.01
Water supply, sewerage, etc.....	357.84
Total miscellaneous.....	\$18,017.02
Wages of mechanics and laborers and hire of teams in constructing buildings and enclosures, laying water pipes, building roads, gutters, and walks, planting trees, and otherwise improving the grounds:	
1 laborer, 27 days, at \$2.....	\$54.00
1 laborer, { 35½ days, at \$2.....	71.00
1 laborer, { 53½ days, at \$1.50.....	80.63
1 laborer, { 264½ days, at \$2.....	529.50
1 laborer, { 26 days, at \$1.50.....	39.00
1 laborer, 193 days, at \$1.50.....	289.50
1 laborer, 64½ days, at \$1.50.....	96.75
1 laborer, 233½ days, at \$1.50.....	349.89
1 laborer, 120 days, at \$1.50.....	180.00
1 laborer, 184½ days, at \$1.50.....	276.39
1 laborer, 78 days, at \$1.50.....	117.00
1 laborer, 160½ days, at \$1.50.....	240.38
1 laborer, 113½ days, at \$1.50.....	170.25
1 laborer, 168½ days, at 1.50.....	253.13
1 laborer, 340 days, at \$1.50.....	508.50
1 laborer, 42 days, at \$1.50.....	63.00
1 laborer, 360½ days, at \$1.50.....	540.38
1 laborer, 170½ days, at \$1.50.....	255.37
1 laborer, 355 days, at \$1.50.....	532.50
1 laborer, 234½ days, at \$1.50.....	351.75
1 laborer, 46½ days, at \$1.50.....	69.75
1 laborer, 32½ days, at \$1.50.....	48.38
1 laborer, 138 days, at \$1.50.....	207.00
1 laborer, 67 days, at \$1.50.....	100.50
1 laborer, 11 days, at \$1.50.....	16.50
1 laborer, 25½ days, at \$1.50.....	53.63
1 laborer, 17 days, at \$1.50.....	25.50
1 laborer, { 138½ days, at \$1.50.....	207.75
1 laborer, { 125 days, at \$1.25.....	156.25
1 laborer, { 112 days, at \$1.50.....	167.99
1 laborer, { 50½ days, at \$1.25.....	63.12
1 laborer, { 184½ days, at \$1.50.....	276.38
1 laborer, { 21 days, at \$1.25.....	26.25
1 laborer, 42½ days, at \$1.25.....	53.12
1 laborer, 366 days, at \$1.25.....	457.50
1 laborer, 97½ days, at \$1.25.....	121.57
1 laborer, 18 days, at \$1.25.....	22.50
1 laborer, 12½ days, at \$1.25.....	15.94
1 laborer, 12½ days, at \$1.25.....	15.94
1 laborer, 20½ days, at \$1.25.....	25.94
1 laborer, 34 days, at \$1.25.....	42.50
1 laborer, 20 days, at \$1.25.....	25.00
1 laborer, 25 days, at \$1.25.....	31.25
1 laborer, 22 days, at \$1.25.....	27.50
1 laborer, 34 days, at \$1.25.....	42.50
1 laborer, 229½ days, at \$1.25.....	287.18
1 laborer, 80½ days, at \$1.25.....	100.81
1 laborer, 74½ days, at \$1.25.....	93.12
1 laborer, 180½ days, at \$1.25.....	225.93
1 laborer, 35 days, at \$1.25.....	43.75
1 laborer, 10 days, at \$1.25.....	12.50
1 laborer, 13 days, at \$1.25.....	16.25
1 laborer, 41½ days, at \$1.25.....	52.19

Disbursements, July 1, 1895, to June 30, 1896—Continued.

Wages of mechanics and laborers, etc.—Continued.

1 laborer, 19½ days, at \$1.25	\$24.69
1 laborer, 8 days, at \$1.25	10.00
1 laborer, 12 days, at \$1.25	15.00
1 laborer, 71½ days, at \$1.25	89.07
1 laborer, { 44½ days, at \$1.25	55.63
{ 112 days, at \$1	112.00
{ 111 days, at \$1.25	138.75
1 laborer, { 12 days, at \$1	12.00
{ 124½ days, at 75 cents	93.19
1 laborer, 13½ days, at \$1	13.50
1 laborer, 4½ days, at \$1	4.50
1 laborer, 20 days, at \$1	20.00
1 { laborer, 12½ days, at \$1.50	18.75
{ carpenter, 39 days, at \$2.50	97.50
1 { laborer, 31 days, at \$1.50	46.50
{ carpenter, 7 days, at \$2.50	17.50
1 carpenter, 12 days, at \$2.50	30.00
1 carpenter, 35 days, at \$2.50	87.50
1 carpenter, 14 days, at \$2.50	35.00
1 engineer, 13 days, at \$2.50	32.50
1 engineer, 24 days, at \$2.50	60.00
1 engineer, 14 days, at \$2.50	35.00
1 painter, 6 days, at \$3	18.00
1 painter, 32 days, at \$3	96.00
1 painter, 5½ days, at \$3	17.25
1 painter, 14 days, at \$3	42.00
1 stonecutter, 3½ days, at \$4	13.00
1 wagon and team, 38½ days, at \$3.50	134.75
1 wagon and team, 2½ days, at \$3.50	8.75
1 wagon and team, 12 days, at \$3.50	42.00
1 { wagon and team, 88½ days, at \$3.50	308.88
{ horse and cart, 63½ days, at \$1.75	110.69
1 horse and cart, ½ day, at \$1.75	.88
1 horse and cart, 8 days, at \$1.75	14.00
1 horse and cart, 8½ days, at \$1.75	14.88
1 horse and cart, 7½ days, at \$1.75	13.57
1 horse, 70 days, at 50 cents	35.00
1 horse, 41 days, at 50 cents	20.50
1 water boy, 62 days, at 75 cents	46.50
1 water boy, 34½ days, at 50 cents	17.13
1 water boy, 50 days, at 50 cents	25.00
1 water boy, 50½ days, at 50 cents	25.38
1 water boy, 30 days, at 50 cents	15.00
1 water boy, 1 day, at 50 cents	.50
1 water boy, 1 day, at 50 cents	.50
1 water boy, 13 days, at 50 cents	6.50
1 water boy, 1 day, at 50 cents	.50
1 stonebreaker, 171½ cubic yards, at 60 cents	102.65
1 stonebreaker, 152½ cubic yards, at 60 cents	91.65
1 stonebreaker, 208 cubic yards, at 60 cents	124.80
1 draftsman, 78½ days, at \$2	157.00
1 modeler, 28½ days, at \$100	93.01
1 modeler, 23 days, at \$100	75.48
1 modeler, 3 days, at \$60	5.87

Total.....\$10,856.11

Total disbursements.....50,694.74

Balance July 1, 1896.....4,305.26

APPROPRIATION, NATIONAL ZOOLOGICAL PARK, 1896.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Pay roll, services.....	1	\$1,330.24	Jas. O. Caton & Sons, road material, etc.....	45	\$10.50
J. H. Chesley & Co., fencing and cages, \$555.18; miscellaneous, \$64.86.....	2	620.04	L. H. Schneider's Son, machinery, tools, etc.....	47	4.97
W. T. & F. B. Weaver, buildings, \$129.10; fencing and cages, \$46.82; machinery, etc., \$31.80; water supply, \$17.31; miscellaneous, \$16.65.....	3	241.68	Jas. W. Magarity, fencing, etc.....	48	30.00
S. E. Cassino, books.....	4	2.60	H. B. Leary, food.....	49	67.66
B. Westermann & Co., books.....	5	1.33	Henry P. Reed, road material and grading.....	50	179.86
Patapsco Oil and Grease Co., paints, oils, etc.....	6	13.00	W. T. & F. B. Weaver, building material, \$7.55; machinery, \$14.05; miscellaneous, \$9.60; roads, \$20.15.....	51	51.35
Albinson & Chase, miscellaneous.....	7	10.65	A. Routt, food.....	52	18.60
W. H. Hoeke, miscellaneous.....	8	5.00	Fred. A. Schmidt, machinery, \$7; stationery, \$15.74.....	53	22.74
Cropley & Boteler, machinery, etc.....	9	38.96	Jas. H. McGill, buildings, \$48.78; fencing, \$13.55; miscellaneous, \$1.50.....	54	63.83
Pay roll, services.....	10	1,419.76	Jno. B. Daish, food.....	55	114.79
Glenn Brown, surveying, plans, etc.....	11	235.00	J. B. Kendall, fencing, \$111.23; miscellaneous, \$3.10.....	56	114.33
Allen Chase, surveying, plans, etc.....	12	125.00	R. A. Golden, food.....	57	20.25
F. Hardman, freight and transportation.....	13	30.00	Thos. Somerville & Sons, road material, \$17.60; water supply, \$41.25.....	58	58.85
F. P. May & Co., miscellaneous.....	14	2.04	J. H. Chesley & Co., building material, \$2.70; fencing, \$12.69; miscellaneous, \$3.....	59	18.39
Jas. H. McGill, fencing and cages.....	15	81.30	W. T. Galliher & Bro., lumber.....	60	16.13
A. Routt, food.....	16	19.60	J. Lohmann, miscellaneous.....	61	19.55
Thos. T. Keane, food.....	17	134.12	Adams Express Co., freight, etc.....	62	4.50
Rensburg & Elliott, miscellaneous.....	18	11.10	Pay roll, services.....	63	1,485.07
Fields & Trail, food, \$6.45; miscellaneous, \$3.97.....	19	10.42	Thos. T. Keane, food.....	64	133.63
W. A. Pate, miscellaneous.....	20	3.10	Peter Henderson & Co., trees, plants, etc.....	65	10.95
Pay roll, services.....	21	1,504.21	Church & Stephenson, lumber, \$33.33; miscellaneous, \$20.....	66	103.83
J. H. Anderson, road material and grading.....	22	164.00	United States Express Co., freight, etc.....	67	4.00
R. A. Golden, food.....	23	20.25	R. Carter Ballantyne, stationery.....	68	2.81
Edw. S. Schmid, food, \$6; miscellaneous, \$2.50.....	24	8.50	E. McAleer, miscellaneous.....	69	2.25
Capitol Hill Brick Company, road material.....	25	9.00	G. A. Whitaker, stationery.....	70	1.50
W. T. & F. B. Weaver, building material, \$45.80; miscellaneous, \$27.57; fencing, \$15.73; machinery, \$32.05.....	26	121.15	T. R. Mitchell, stationery, etc.....	71	1.25
H. B. Leary, food.....	27	61.69	W. H. Veerhoff, stationery, etc.....	72	3.00
R. Carter Ballantyne, stationery.....	28	3.44	Jno. A. Fairfax, miscellaneous.....	73	4.50
J. H. Anderson, grading.....	29	83.36	B. P. Watrous, food.....	74	10.12
Melville Lindsay, miscellaneous.....	30	1.75	Frank A. Bond, miscellaneous.....	75	2.00
Byron S. Adams, stationery, etc.....	31	9.00	Pay roll, services.....	76	1,453.63
Pay roll, services.....	32	1,820.67	Henry P. Reed, grading.....	77	20.00
Thos. Somerville & Sons, road material, \$31.81; water supply, \$18.25.....	33	50.06	V. Baldwin Johnson, fuel.....	78	400.86
J. H. Chesley & Co., fencing, \$19.20; miscellaneous, \$15.33; machinery, \$10.....	34	44.53	L. L. Baker, road material.....	79	19.13
Houghton & Delano, miscellaneous.....	35	1.34	A. Routt, food.....	80	17.90
John B. Daish, food.....	36	115.67	Allen Chase, surveying, etc.....	81	125.00
W. T. Galliher & Bro., lumber.....	37	30.62	Thomas T. Keane, food.....	82	124.28
E. E. Jackson & Co., lumber.....	38	17.06	B. P. Watrous, food.....	83	10.48
Barber & Ross, fencing, etc.....	39	6.87	R. A. Golden, food.....	84	19.75
Lewis Hopfenmaier, cages, etc.....	40	48.00	Pay roll, services.....	85	1,431.68
Allen Chase, surveying, etc.....	41	125.00	S. H. Stephens & Co., freight and transfer.....	86	21.00
Henry P. Reed, road material, etc.....	42	160.56	James H. McGill, building material.....	87	78.37
J. B. Kendall, miscellaneous, \$38.70; fencing, \$173.46.....	43	212.16	J. R. Francis, paints, oils, etc.....	88	2.00
Chas. Becker, paints, oils, etc.....	44	13.41	H. B. Leary, food.....	89	61.69
B. P. Watrous, food.....	45	8.92	W. T. & F. B. Weaver, road material, \$5.25; fencing, \$10.83; water supply, \$33.65; miscellaneous, \$4.93.....	90	54.66
			W. T. Galliher & Bro., lumber.....	91	56.06
			Noah Garner, fencing, \$8; machinery, \$15.....	92	24.00
			Eaw. S. Schmid, food, \$24; miscellaneous, \$12.25.....	93	36.25

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
L. W. Purinton, freight and transfer.....	94	\$6.00	Thomas Meehan & Sons, trees and plants.....	148	\$42.75
J. B. Kendall, fencing.....	95	72.65	Melville Lindsay, miscellaneous.....	149	6.00
Chas. Becker, paints, etc.....	96	21.71	H. N. Posey, services.....	150	7.50
J. H. Chesley & Co., miscellaneous, \$4.73; fencing, \$15.60.....	97	20.33	Wm. Palmer, services.....	151	33.33
Fields & Trail, food, 86 cents; miscellaneous, \$4.20.....	98	5.06	O. B. Jenkins, miscellaneous.....	152	10.00
Thos. Somerville & Sons, water supply.....	99	62.24	A. Rountt, food.....	153	9.60
F. P. May & Co., miscellaneous.....	100	7.50	A. H. Forney, services.....	154	2.00
J. C. Proctor, food.....	101	540.00	H. B. Leary, food.....	155	59.50
Wm. Wesley & Son, miscellaneous.....	102	30.93	K. Kneessi Sons, miscellaneous.....	156	25.25
H. G. Carroll, food.....	103	9.60	W. T. & F. B. Weaver, water supply, \$9.78; buildings, \$5.57; miscellaneous, \$12.60.....	157	27.95
Western Union Telegraph Co., telegraph.....	104	.27	Pay roll, services.....	158	1,260.69
Jno. B. Daish, food.....	105	204.69	W. E. Thomas, food.....	159	15.20
Harlan Page, miscellaneous.....	106	7.50	Jos. Palmer, services.....	160	40.00
G. B. Mullin, building material.....	107	26.00	Edw. S. Schmid, miscellaneous, 75 cents; food, \$12.....	161	12.75
Skinner & Burrows, trees, plants, etc.....	108	20.85	James H. McGill, building material, \$2.71; miscellaneous, \$2.50.....	162	5.21
Smith, Kline & French Co., paints, \$16.90; food, \$14.01.....	109	30.91	Thos. Somerville & Sons, water supply.....	163	24.60
Wetherill & Bro., paints, etc.....	110	4.90	Easton & Rupp, miscellaneous.....	164	.45
Allen Chase, survey plans, etc.....	111	125.00	R. A. Golden, food.....	165	12.05
G. B. Mullin, trees, plants, etc.....	112	135.31	Chas. H. Johnson, miscellaneous.....	166	2.00
Pay roll, services.....	113	1,140.97	T. R. Mitchell, stationery.....	167	10.00
Shoemaker & Busch, miscellaneous.....	114	9.34	Noah Garner, miscellaneous.....	168	5.50
J. C. Proctor, cages, etc.....	115	1,944.84	J. H. Chesley & Co., building material, \$27.64; machinery, \$17.35; miscellaneous, \$3.82.....	169	53.31
J. H. Chesley & Co., miscellaneous, \$16; building material, \$7.55; miscellaneous, 15 cents.....	116	23.70	Fields & Trail, food, \$18.21; miscellaneous, \$7.13.....	170	25.34
R. B. Hunter, postage, telegraph, etc.....	117	.25	B. P. Watrous, food.....	171	.60
R. A. Golden, food.....	118	19.60	Jno. B. Daish, food.....	172	229.23
Thos. Somerville & Sons, water supply, etc.....	119	2.62	Jno. H. Wilkerson, miscellaneous.....	173	10.00
B. F. Guy & Co., miscellaneous.....	120	1.65	Chas. A. Muddiman, miscellaneous.....	174	1.50
W. T. & F. B. Weaver, building material, \$18.06; fencing, \$5.62; machinery, \$10.65; miscellaneous, \$20.67.....	121	54.90	Jno. Dugan, food.....	175	21.94
O. L. Wolfsteiner & Co., building material.....	122	378.13	E. M. Todd, food.....	176	3.75
H. B. Leary, food.....	123	67.06	Pay roll, services.....	177	1,130.33
Pay roll, services.....	124	1,085.94	Z. D. Gilman, miscellaneous.....	178	3.36
B. P. Watrous, food.....	125	4.20	Henry Caesar, services.....	179	15.00
Geo. A. Shehan, lumber.....	126	30.00	V. Baldwin Johnson, fuel.....	180	28.95
James H. McGill, building material.....	127	83.65	W. T. Galliher & Bro., lumber.....	181	8.19
W. S. Tyler Wire Works Co., cages, etc.....	128	407.00	Jno. C. Parker, miscellaneous.....	182	8.00
Church & Stephenson, lumber, \$67.24; miscellaneous, \$8.....	129	75.24	Barber & Ross, building material, \$40.70; fencing, \$3.94.....	183	49.64
Chas. Becker, paints, oils, etc.....	130	4.89	Chas. Becker, paints, oil, etc.....	184	6.46
Jno. B. Daish, food.....	131	248.78	Thomas T. Keane, food.....	185	261.97
A. Rountt, food.....	132	23.00	H. B. Leary, food.....	186	55.52
Wm. H. Butler, paints, etc., \$23.28; miscellaneous, \$4.50.....	133	37.78	Pay roll, services.....	187	1,135.87
W. T. Galliher & Bro., lumber.....	134	16.13	W. T. & F. B. Weaver, buildings, \$7; fencing, \$2.55; machinery, \$4.25; miscellaneous, \$12.14.....	188	25.94
L. H. Schneider's Son, machinery, etc.....	135	1.80	I. E. Shoemaker, food.....	189	32.25
Easton & Rupp, stationery.....	136	11.14	Fred. A. Schmidt, stationery.....	190	5.25
Dexter & Co., miscellaneous.....	137	1.34	Shoemaker & Busch, miscellaneous, \$11.39; paints, \$1.48.....	191	12.87
W. S. Tyler Wire Works Co., fencing.....	138	4.93	R. A. Golden, food.....	192	11.25
Jos. Mace, freight, etc.....	139	10.25	J. H. Chesley & Co., miscellaneous.....	193	.35
Adams Express Co., freight, etc.....	140	10.90	Thomas T. Keane, food.....	194	128.85
United States Express Co., freight, etc.....	141	7.90	J. Lohmann, miscellaneous.....	195	7.35
Hugh Reilly, paints, oils, etc.....	142	11.05	The Edwards & Docker Co., stationery.....	196	2.00
Lewis Hoptenmaier, machinery.....	143	90.00	W. H. Hoeke, miscellaneous.....	197	1.31
Pay roll, services.....	144	1,294.00	J. B. Kendall, fencing.....	198	10.29
E. M. Todd, food.....	145	7.50	W. E. Thomas, food.....	199	24.80
G. E. Barrows, miscellaneous.....	146	1.50	R. Carter Ballantyne, stationery, etc.....	200	8.60
V. Baldwin Johnson, fuel.....	147	46.90	Y. Baldwin Johnson, fuel.....	201	22.45
			Herman Baumgarten, miscellaneous.....	202	1.50
			Edw. S. Schmid, food.....	203	6.00
			Jno. R. Galloway, miscellaneous.....	204	.50

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Capital Traction Co., miscellaneous	205	\$10.00	Jno. B. Daish, food	259	\$270.10
Glenn Brown, surveying plans, etc.	206	192.50	Pay roll, services	260	1,134.13
Olmsted, Olmsted & Eliot, surveying plans, etc.	207	200.00	Wyckoff, Seamans & Benedict, stationery	261	2.08
Van Dyck & Deever, food	208	14.05	W. T. Galliher & Bro., lumber	262	32.26
H. E. Keamer, food	209	10.50	United States Express Co., freight	263	.90
Doll & Richards, books, etc.	210	6.25	H. B. Leary, food	264	45.67
F. C. Baker, services	211	14.00	Magrath & Kennelly, miscellaneous	265	80.00
W. A. Pate, miscellaneous	212	4.50	V. Baldwin Johnson, fuel	266	42.87
Wm. H. Penland & Co., miscellaneous	213	3.50	F. B. Johnson, books, etc.	267	22.80
E. Morrison Paper Co., stationery	214	1.20	Thomas T. Keane, food	268	118.97
Pay roll, services	215	1,125.72	W. E. Thomas, food	269	26.80
Hygienic Ice Co., miscellaneous	216	33.33	David Lawrence, miscellaneous	270	17.00
Cropley & Boteler, tools, etc.	217	3.75	Harry M. Schneider, machinery	271	4.80
T. R. Mitchell, stationery, etc.	218	23.90	Pettitt & Dripps, machinery	272	110.00
Church & Stephenson, lumber, \$19.02; miscellaneous, \$28.	219	47.02	Pay roll, services	273	1,192.39
King & Kiefer, miscellaneous	220	1.50	Dexter & Co., miscellaneous	274	.74
Jno. B. Daish, food	221	213.23	J. B. Kendall, fencing, etc.	275	7.81
Fields & Trail, miscellaneous, \$2.70; food, \$7.91	222	10.61	R. A. Golden, food	276	13.70
G. G. Niedomanski, services	223	1.61	J. H. Chesley & Co., miscellaneous	277	20.46
Thos. Somerville & Sons, building material	224	5.30	ous, \$3.67; building, \$16.79	278	9.00
Chas. G. Reckert, miscellaneous	225	5.00	Easton & Rupp, stationery	279	39.00
W. H. H. Allen, building material	226	8.00	I. E. Shoemaker, food	280	3.00
W. T. Galliher & Bro., lumber	227	16.38	C. Moore, freight	281	34.15
Geo. W. Knox Express Co., freight	228	6.17	D. E. Buckingham, miscellaneous	282	1.15
Adams Express Co., freight	229	13.20	Western Union Telegraph Co., postage and telegrams	283	140.00
Geo. A. Shehan, lumber	230	15.00	J. P. Clarke, miscellaneous	284	37.15
A. Eberly's Sons, miscellaneous	231	8.00	W. T. & F. B. Weaver, building material, \$24.84; miscellaneous, \$12.51	285	30.58
United States Express Co., freight	232	2.55	Geo. W. Knox Express Co., freight	286	7.00
Smith, Kline & French Co., food	233	11.77	Wm. D. Clark & Co., miscellaneous	287	10.00
H. B. Leary, food	234	53.73	O. B. Jenkins, miscellaneous	288	47.73
Gerald Thayer, freight	235	20.00	Church & Stephenson, lumber	289	209.75
Herdie Phaeton Co., miscellaneous	236	.75	Jno. B. Daish, food	290	17.96
E. Hofer, services	237	300.00	Smith, Kline & French Co., paints, etc., \$16.58; food, \$1.38	291	127.50
D. E. Buckingham, miscellaneous	238	12.00	Adams Express Co., freight	292	6.86
W. E. Thomas, food	239	24.80	Fields & Trail, food, 86 cents; miscellaneous, \$6	293	12.99
R. A. Golden, food	240	12.65	Thos. Somerville & Sons, water supply	294	4.12
E. G. Wheeler, building material, \$2.50; miscellaneous, \$3	241	5.50	Western Union Telegraph Co., telegrams	295	151.23
V. Baldwin Johnson, fuel	242	72.70	E. E. Jackson & Co., lumber	296	31.55
New York Engraving and Printing Co., stationery, etc.	243	35.00	Peter Henderson & Co., trees, plants, etc.	297	32.50
Pay roll, services	244	1,116.68	Andrew J. Joyce's Sons, miscellaneous	298	1,287.87
I. E. Shoemaker, food	245	41.24	Pay roll, services	299	2.85
Geo. H. Tice, freight	246	19.75	W. Atlee Burpee & Co., trees, plants, etc.	300	34.80
The Maurice Joyce Engraving Co., stationery, etc.	247	5.25	G. B. Mullin, trees, plants, etc.	301	44.77
W. T. & F. B. Weaver, machinery, \$7.25; miscellaneous, \$17.47	248	24.72	H. B. Leary, food	302	53.99
E. E. Jackson & Co., lumber	249	7.65	W. T. & F. B. Weaver, building material, \$30.06; miscellaneous, \$11.65; water supply, \$7.93; machinery, \$4.35	303	42.00
Thos. Somerville & Sons, water supply	250	11.55	I. E. Shoemaker, food	304	1,433.53
Thomas T. Keane, food	251	133.47	Pay roll, services	305	68.85
J. W. Pattison, miscellaneous	252	8.50	H. P. Reed, trees, plants, etc.	306	7.60
Littlefield, Alvord & Co., miscellaneous	253	8.20	Jos. Mace, freight	307	34.00
Remsburg & Elliott, miscellaneous	254	8.75	McDermott Carriage Co., miscellaneous	308	129.00
Lewis Hopfenmaier, paints, \$11.19; miscellaneous, \$5; water supply, \$22.69	255	38.88	Thomas T. Keane, food	309	6.50
Chesapeake and Potomac Telephone Co., telephones	256	114.06	Edw. S. Schmid, food	310	5.42
Church & Stephenson, lumber	257	22.26	James H. McGill, water supply	311	232.43
J. B. Kendall, fencing, \$4.17; miscellaneous, \$5.90	258	10.07	Jno. B. Daish, food	312	27.90
			W. E. Thomas, food	313	15.70
			R. A. Golden, food		

38 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896—Continued.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Chesapeake and Potomac Telephone Co., telephones.....	314	\$60.25	Melville Lindsay, miscellaneous	357	\$17.26
Fields & Trail, miscellaneous, \$2.04; food, \$2.23.....	315	7.27	James H. McGill, building material.....	358	8.13
W. A. Pate, miscellaneous.....	316	.65	Jno. B. Daish, food.....	359	159.38
King & Kiefer, miscellaneous.....	317	3.50	Thomas T. Keane, food.....	360	129.05
Capital Traction Co., miscellaneous.....	318	10.00	Fred A. Schmidt, stationery, etc.....	361	3.15
W. T. Galliher & Bro., lumber.....	319	52.89	J. Lohmann, miscellaneous.....	362	7.00
United States Express Co., freight.....	320	6.10	J. Saul, trees, plants, etc.....	363	17.30
Church & Stephenson, lumber, \$127.94; building material, \$50.50.....	321	178.44	Barber Asphalt Paving Co., building material.....	364	12.40
C. M. Bell, books, etc.....	322	23.00	E. E. Jackson & Co., lumber.....	365	1.92
James W. Magarity, building material.....	323	35.00	Thos. Somerville & Sons, building material, \$11.80; fencing, \$16.70; water supply, \$15.30.....	366	43.80
Patasco Oil and Grease Co., miscellaneous.....	324	32.10	Pay roll, services.....	367	1,231.43
J. B. Kendall, miscellaneous, \$1.95; fencing, \$11.59.....	325	13.54	Western Union Telegraph Co., telegrams.....	368	2.02
J. H. Chesley & Co., building material, \$46.91; fencing, \$29.58; miscellaneous, \$3.....	326	79.49	Geo. A. Shehan, lumber.....	369	35.00
Thos. Somerville & Sons, water supply.....	327	60.66	I. E. Shoemaker, food.....	370	13.80
Adams Express Co., freight.....	328	15.85	H. B. Leary, food.....	371	43.18
T. R. Mitchell, stationery, etc.....	329	19.75	D. E. Buckingham, miscellaneous.....	372	27.00
L. F. Wassmann, miscellaneous.....	330	5.00	Hugh Reilly, paints, etc.....	373	18.57
Frank Libbey & Co., miscellaneous.....	331	12.60	H. T. Burrows, trees, plants.....	374	94.50
C. O. Chenault, freight.....	332	130.13	W. E. Thomas, food.....	375	27.90
F. P. May & Co., miscellaneous.....	333	4.30	W. T. & F. B. Weaver, machinery, \$13.10; water supply, \$5; miscellaneous, \$25.15.....	376	43.25
Pay roll, services.....	334	1,523.43	Pay roll, services.....	377	1,336.81
E. Hofer, services.....	335	235.00	Evergreen Nursery Co., trees, plants, etc.....	378	35.75
Easton & Rupp, stationery.....	336	5.37	A. L. Grimes, miscellaneous.....	379	30.00
H. B. Leary, food.....	337	48.76	Edw. S. Schmid, miscellaneous, \$2.50; food, \$6.....	380	8.50
The Herdic Phaeton Co., miscellaneous.....	338	2.00	Wm. H. Butler, paints, etc.....	381	19.53
Eugene Pence, freight.....	339	3.00	W. T. Galliher & Bro., lumber.....	382	15.54
Rensburg & Elliott, miscellaneous.....	340	15.20	Jno. B. Daish, food.....	383	230.66
W. E. Thomas, food.....	341	27.00	Thomas T. Keane, food.....	384	128.55
H. P. Reed, trees, plants, etc.....	342	18.45	E. A. Golden, food.....	385	10.90
I. E. Shoemaker, food.....	343	22.00	Thos. Somerville & Sons, water supply.....	386	2.50
Pay roll, services.....	344	1,471.82	Conrad Becker, miscellaneous.....	387	.50
Donnelly & Pruett, fencing.....	345	5.53	Smith, Kline & French Co., food.....	388	4.89
J. H. Chesley & Co., building material, \$41.80; machinery, \$7.70; miscellaneous, \$2.95.....	346	52.45	United States Express Co., freight.....	389	20.45
Wetherill & Bro., paints, etc.....	347	14.70	G. N. Saegmuller, miscellaneous.....	390	6.00
Shoemaker & Busch, miscellaneous, \$9.92; paints, etc., \$4.44.....	348	14.36	Adams Express Co., freight.....	391	58.80
Tarleton H. Bean, miscellaneous.....	349	25.00	Oecil French, miscellaneous.....	392	7.00
E. E. Fast, freight.....	350	6.00	Rensburg & Elliott, miscellaneous.....	393	4.75
E. Taussig & Co., miscellaneous.....	351	28.50	Edwards & Docker Co., books, etc.....	394	2.00
Page Woven Wire Fence Co., fencing.....	352	97.50	Pay roll, services.....	395	1,466.81
W. T. & F. B. Weaver, machinery, \$11.66; water supply, \$4.50; miscellaneous, \$12.....	353	28.16	Jos. Mace, freight.....	396	17.43
W. T. Galliher & Bro., lumber.....	354	8.19	Chas. Becker, paints, oils, etc.....	397	22.35
R. A. Golden, food.....	355	15.90	Geo. W. Knox Express Co., freight.....	398	13.55
Girard M. Parce, machinery.....	356	2.00	Mrs. Ada Baker, food.....	399	27.00
			E. Hofer, services.....	400	225.00
			Northern Pacific R. R. Co.....	400a	54.67
			Total disbursements.....		50,694.74
			Balance July 1, 1896.....		4,305.26

ENTRANCE AND DRIVEWAY, ZOOLOGICAL PARK, DISTRICT OF COLUMBIA, 1895 AND 1896.

Balance July 1, 1895, as per last report \$2,224.67

Disbursements.

Salaries or compensation:	
1 assistant engineer, 1/12 month, at \$175.....	\$25.93
1 chainman, 9 days, at \$2.25.....	20.25
1 rodman, 11 days, at \$780 per annum.....	23.32

Disbursements—Continued.

Salaries or compensation—Continued.

1 assistant foreman, 1 month, at \$60.....	\$60.00
1 wagon and team, 21½ days, at \$3.50.....	76.12
1 horse and cart, 5 days, at \$1.75.....	8.75
1 laborer 25 days, at \$1.50.....	37.50
1 laborer, 13½ days, at \$1.50.....	20.63
1 laborer, 4 days, at \$1.50.....	6.00
1 laborer, 23 days, at \$1.50.....	34.50
1 laborer, 25½ days, at \$1.50.....	37.88
1 laborer, 24 days, at \$1.50.....	36.00
1 laborer, ½ month, at \$50.....	25.00
1 laborer, 22½ days, at \$1.50.....	33.37
1 laborer, ½ month, at \$45.....	22.50
1 laborer, 24½ days, at \$1.50.....	36.75
1 laborer, 21 days, at \$1.25.....	26.25
1 laborer, 13½ days, at \$1.25.....	16.88
1 laborer, 17½ days, at \$1.25.....	21.56
1 laborer, 57½ days, at \$1.25.....	34.37
1 laborer, 10 days, at \$1.25.....	12.50
1 water boy, 27 days, at 75 cents.....	20.25

Total salaries or compensation 636.31

General expenses:

Freight.....	\$1.70
Grading, etc.....	1,161.17
Lumber.....	31.58
Miscellaneous supplies.....	10.92
Surveying, maps, etc.....	287.50
	<u>1,492.87</u>

Total disbursements \$2,129.18

Balance July 1, 1896 95.49

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation "Entrance and driveway, Zoological Park, District of Columbia, 1895-1896," from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Allen Chase, surveying, maps, etc.....	11	\$87.50	Pay roll, services.....	18	\$226.07
W. T. & F. B. Weaver, miscellaneous supplies.....	12	10.52	Do.....	19	262.61
Church & Stephenson, lumber.....	13	31.58	E. Morrison Paper Co., miscellaneous supplies.....	20	40
Adams Express Co., freight.....	14	1.70	Pay roll, services.....	21	52.88
Skinner & Burrows, grading, etc.....	15	1,161.17	Do.....	22	19.25
Pay roll, services.....	16	75.50	Total disbursements.....		<u>2,129.18</u>
Olmsted, Olmsted & Eliot, surveying, plans, etc.....	17	200.00	Balance July 1, 1896.....		<u>95.49</u>

NATIONAL ZOOLOGICAL PARK, 1895.

Balance July 1, 1895, as per last report \$1,083.96

Disbursements.

Building material.....	\$3.63
Food.....	449.36
Fencing and cage material.....	10.68
Freight and transportation.....	338.41
Lumber.....	1.10
Miscellaneous.....	26.38
Paints, oils, glass, etc.....	2.40

Disbursements—Continued.

Postage, telegraph, and telephone.....	\$48.09
Stationery, books, printing, etc.....	20.03
Surveying, plans, etc.....	130.00
Traveling expenses.....	39.65
Trees, plants, etc.....	10.55
Water supply, sewerage, etc.....	1.20
Total disbursements.....	\$1,081.48
Balance July 1, 1896.....	2.48

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation "National Zoological Park, 1895," from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.	To whom paid.	Number of voucher.	Amount.
Louis Schade, miscellaneous.....	381	\$4.17	Easton & Rupp, stationery.....	401	\$1.50
Alfred B. Iles, miscellaneous.....	382	2.13	Geo. W. Knox Express Co., freight and transportation.....	402	8.73
People's Dispatch Co., freight and transportation.....	383	.75	Chesapeake and Potomac Telephone Co., postage and telephone.....	403	47.50
Jno. B. Daish, food.....	384	198.30	B. P. Watrous, food.....	404	11.72
Edwards & Docker Co., books, etc.....	385	2.00	United States Express Co., freight and transportation.....	405	28.70
Edw. Gillett, trees, plants, etc.....	386	10.55	Adams Express Co., freight and transportation.....	406	89.30
J. McK. Cattell, books, etc.....	387	2.50	Glenn Brown, surveying, plans, etc.....	407	130.00
Chas. Schneider, food.....	388	90.00	Wm. H. Butler, miscellaneous.....	408	1.95
Edw. S. Schmid, food.....	389	35.00	Rensburg & Elliott, miscellaneous.....	409	.98
R. A. Golden, food.....	390	18.30	Dexter & Co., miscellaneous.....	410	.94
Forest and Stream Publishing Co., books, etc.....	391	2.00	Thos. Somerville & Sons, water supply, etc.....	411	1.20
W. A. Pate, fencing and cage material.....	392	10.68	Wm. Wesley & Son, books.....	412	12.03
Jos. Mace, freight and transportation.....	393	4.75	Western Union Telegraph Co., postage and telegrams.....	413	.59
Frank Baker, traveling expenses.....	394	39.65	Hygienic Ice Co., miscellaneous.....	414	6.88
J. H. Chesley & Co., miscellaneous.....	395	1.33	Baltimore and Ohio Railroad Co., freight.....	414a	206.18
A. Routt, food.....	396	14.00	Total disbursements.....		1,081.48
Church & Stephenson, miscellaneous, \$8; lumber, \$1.10.....	397	9.10	Balance July 1, 1896.....		2.48
Chas. T. Carter & Co., building material.....	398	3.63			
Thos. T. Keane, food.....	399	82.04			
Chas. Becker, paints, oils, etc.....	400	2.40			

NATIONAL ZOOLOGICAL PARK, 1894.

Balance July 1, 1895, as per last report..... \$240.66

Disbursements.

Stationery, books, printing, etc.....	\$0.71
Surveying, plans, etc.....	239.95
Total disbursements.....	240.66

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1895, to June 30, 1896.

To whom paid.	Number of voucher.	Amount.
B. F. Stevens, books.....	434	\$0.71
W. R. Emerson, surveying, plans, etc.....	435	239.95
Total disbursements.....		240.66